VISTA™

HD WEARABLE CAMERA USER GUIDE

Document revision: E

WGD00120

Important Notice

Firmware updates

WatchGuard Video is committed to the continual testing and improvement of our firmware. As new firmware revisions become available, these updates will be made available to your agency; fees may apply depending on your licensing agreement.

Manufacturer contact information

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Allen, Texas 75013
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Send us your suggestions

We want to hear from you. Tell us about your experience and how you are using the VISTA Wearable Camera. We will do our best to accommodate any suggestions you may have in future revisions.

For U.S. customers, call Customer Service at 800-605-6734 or email us at **customerservice@watchguardvideo.com** with your comments, questions, and concerns. International customers, please contact your local distributor.

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Contents

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Introduction

Welcome to the WatchGuard® Video *VISTA HD Wearable Camera User Guide*. This guide is designed to walk you through the basics of using your VISTA™ Wearable Camera to collect quality video evidence.

About this document

The *VISTA HD Wearable Camera User Guide* covers the basic components and operation of VISTA and VISTA WiFi including:

- Docking, charging, provisioning, and uploading
- Associating with a recording group (VISTA WiFi only)
- Powering on and off
- Wearing VISTA
- Recording evidence
- Categorizing events

This guide includes a section on VISTA special features:

- Pre-event and Record-After-the-Fact® (RATF)
- Automatic sleep and power off to help you save battery
- Maximum recording length and periodic recording alerts to help you save storage space
- Covert Mode

This guide also includes a section on recording groups and how VISTA WiFi and the WiFi Base work within a local recording group network.

Two appendices to the guide contain:

- Instructions for using the VISTA SmartConnect smartphone app with VISTA WiFi
- Instructions for setting up the VISTA Transfer Station

Note: *This user guide covers the basic use of the VISTA Wearable Camera. It is not a comprehensive manual for every possible action or situation you could experience when using VISTA. If you have a question about VISTA that is not covered in the user guide, contact your WatchGuard Video representative.*

Related documents and information

For subjects related to the WatchGuard Video video evidence system that are not covered by the *VISTA HD Wearable Camera User Guide*, see the following documents:

- *VISTA HD Wearable Camera Quick Start Guide*
- *Evidence Library 4 Web User Guide*
- *Evidence Library Express User Guide*
- *4RE In-Car Video User Guide*
- *4RE Vehicle Installation Instructions*

What's new for version 2

The following features are new for version 2 of the WatchGuard Video VISTA Wearable Camera:

- **Optional Wi-Fi™** (page 44) **and GPS** (page 45) (VISTA WiFi only)

  Version 2 gives you the option of adding 802.11n Wi-Fi and GPS date/time and location information to the VISTA Wearable Camera. Wi-Fi allows the VISTA WiFi camera to participate in group recordings and provide an access point (hotspot) for the VISTA SmartConnect smartphone application. GPS date and time allows your Evidence Library software to synchronize playback of recorded events.

- **Support for recording groups/group recordings (Distributed Multi-Peer Recording™)** (VISTA WiFi only) (page 63)
  - **Evidence Library software configuration items** (page 20)
  - **Pairing with VISTA WiFi Base** (page 25)

  Version 2, VISTA WiFi option, gives you the ability to associate your VISTA WiFi cameras with local recording group networks to create group recordings.

- **Support for the VISTA SmartConnect iPhone® application** (VISTA WiFi only) (page 71)

  Version 2 gives you the ability to set up VISTA WiFi to connect to and interact with the VISTA SmartConnect iPhone application.

- **Support for additional VISTA configuration options**, including:
  - **Muting recorded event audio** (page 33)
  - **Recorded event stop confirmation** (page 32)
  - **Wireless event upload to Evidence Library 4 Web (EL4 Web) through the VISTA WiFi Base** (page 21)

  Version 2 gives you the ability to apply the additional VISTA configuration options and features offered with Evidence Library Express, version 3.5 or Evidence Library 4 Web, version 4.1.

- **Improved Sleep power state** (page 60)

  Version 2 allows VISTA to remain in its Sleep state longer and exit its Sleep state significantly faster than previous versions.

The following products are new in support of version 2 of the VISTA Wearable Camera:

- **VISTA WiFi Base** (**page 52**)

  The VISTA WiFi Base functions as an 802.11n Wi-Fi access point (hotspot) for VISTA WiFi. The WiFi Base pairs with VISTA WiFi, allowing the camera to associate with the local recording group network.

- **Smart Power Switch** (**page 66**)

  The Smart Power Switch functions as the central connection point for the local recording group network that includes VISTA WiFi.

- **VISTA SmartConnect iPhone application** (**page 71**)

  The VISTA SmartConnect app, when connected to VISTA WiFi, makes additional VISTA WiFi functionality available on your iPhone.

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Using VISTA

In this section...

Overview

You use the VISTA Wearable Camera as a DVR (digital video recorder) to capture, process, and store video and audio evidence. You connect VISTA with your Evidence Library software to provision it as well as to upload its video for evidence management.

If your agency is using VISTA WiFi, you can pair VISTA WiFi with a WiFi Base that is associated with a 4RE DVR. The devices together form a recording group.

Note: *Not all VISTA Wearable Cameras or VISTA bases have the Wi-Fi® feature. If you are not sure whether your equipment has the Wi-Fi feature, contact your WatchGuard Video representative.*

Basic VISTA workflow

The following steps make up a basic workflow for using VISTA during your shift:

1. Provision VISTA and then check it out using your Evidence Library software. (**page 20**)
2. Undock VISTA.
3. (VISTA WiFi only) Dock VISTA WiFi in the VISTA WiFi Base (WiFi Base). (**page 25**)

   This action pairs the camera with the base and associates VISTA WiFi with the local recording group.
4. (VISTA WiFi only) Undock VISTA WiFi after it has paired with the VISTA WiFi Base.
5. Attach VISTA securely to your clothing. (**page 26**)
6. Start and stop recorded events. (**page 31**)
7. Categorize recorded events. (**page 34**)
8. Power VISTA off or on, as needed. (**page 30**)
9. Dock VISTA to upload recorded events (**page 21**) and charge its battery (**page 24**).

Docking VISTA

Docking the VISTA Wearable Camera allows you to perform a number of tasks with the camera. WatchGuard Video offers three different bases where you can dock your VISTA camera:

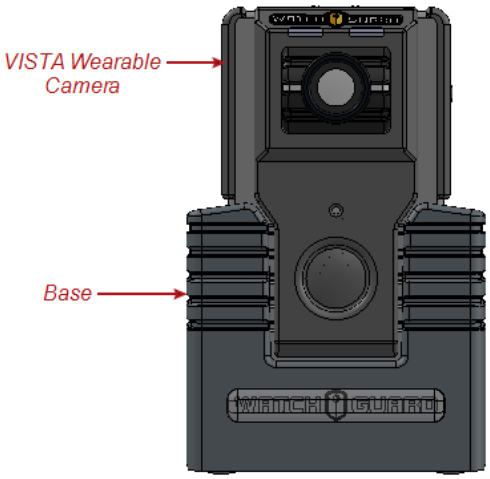
- USB Base (below)
- VISTA Transfer Station (**page 17**)
- VISTA WiFi Base (**page 18**)

You can dock VISTA in any of the three available bases, but each base functions a little differently from the others.

Docking VISTA in a USB Base

Docking the VISTA Wearable Camera in a USB Base allows you to perform the following tasks:

- Provision the camera (**page 20**)
- Upload recorded events from camera storage (**page 21**)
- Update the camera's firmware (**page 23**)
- Charge the camera's battery (**page 24**)
- Define a Record-After-the-Fact® (RATF) event (**page 22**)
- Request a state capture for troubleshooting



VISTA needs to interact with Evidence Library software to be customized for your agency. For that interaction to take place, VISTA must be docked in a VISTA USB Base (or Transfer Station) connected to your Evidence Library software.

Caution: *Some computers can be damaged when the USB Base is plugged into an electrical outlet for power then directly into the computer using the USB cable. To prevent this from happening, connect the USB Base to the computer through the approved USB hub (Sabrent 7-Port USB 2.0 Hub, WatchGuard Video part number WGP02364).*

When you dock VISTA in a USB Base connected to Evidence Library software:

- VISTA's battery begins to charge, if needed
- VISTA's time and date synchronize with the Evidence Library system, if needed (VISTA without Wi-Fi® and GPS only)

> ***Important!*** *VISTA cameras without Wi-Fi and GPS set their internal date and time from the date and time on your Evidence Library software's computer. If the computer's date and time is set incorrectly, VISTA's date and time will be set incorrectly, and your video evidence will be marked with the incorrect date and time.*
>
> *VISTA WiFi (VISTA with Wi-Fi and GPS) sets its own date and time.*

- VISTA's firmware updates, if a firmware update has been staged on the camera
- VISTA communicates to the Evidence Library software that it has recorded events to upload, if applicable
- Recorded events are uploaded to the Evidence Library software
- Evidence Library software sends commands and/or requests to VISTA:
  - Mark any imported recorded events as import confirmed

    The events confirmed as imported are no longer protected once VISTA is undocked.
  - Update the configuration, if applicable

    The configuration is updated after VISTA is undocked.
  - Stage a firmware update, if applicable

    The firmware update is staged on VISTA immediately, and then updated the next time VISTA is docked.
  - Generate an RATF event, if applicable

    The RATF event is generated after VISTA is undocked.
  - Generate a state capture, if applicable

    The state capture is generated after VISTA is undocked.

When you undock VISTA from the USB Base, it processes any Evidence Library software commands and requests before it is ready for normal operation.

Undocking VISTA from the USB Base

When VISTA is docked in the USB Base, Evidence Library software commands and requests are not applied until VISTA is undocked. When you undock VISTA, it processes the Evidence Library software's commands and requests in the following order, as applicable:

1. Performs a state capture.

   The LCD Display reads **STATE CAPTURE**.
2. Updates the configuration.

   The LCD Display reads **CONFIG**. The configuration update alert sounds when the update is finished.

3. Generates an RATF event.

   The LCD Display reads **CREATING RATF**.

> ***Note:*** *After the RATF event has been generated, VISTA starts the event categorization sequence for the RATF event if it is configured to require event categorization. For instructions how to categorize an event on VISTA, see Categorizing a Recorded Event on* **page 34***.*

4. Unprotects the recorded events confirmed as imported. This makes the storage space available to be reused as needed.
5. Stages the firmware update to perform the next time it is docked.

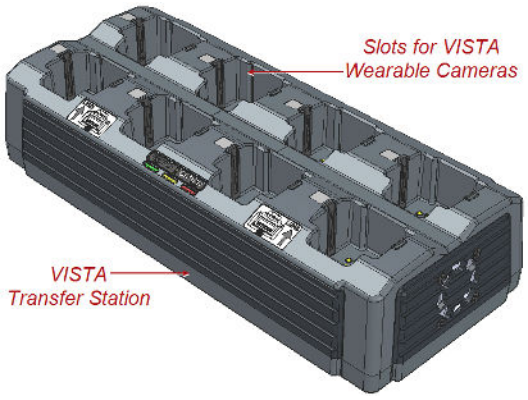
Once all the commands and/or requests are processed, VISTA is ready for normal operation.

Docking VISTA in a VISTA Transfer Station

> ***Note:*** *The VISTA Transfer Station must be set up and configured to be used with your Evidence Library software. For instructions how to set up the Transfer Station, see Appendix B: VISTA Transfer Station Setup on* **page 85***.*

Docking the VISTA Wearable Camera in a VISTA Transfer Station allows you to perform the following tasks:

- Provision the camera (**page 20**)
- Upload recorded events from camera storage (**page 21**)
- Update the camera's firmware (**page 23**)
- Charge the camera's battery (**page 24**)



VISTA needs to interact with Evidence Library software to be customized for your agency. For that interaction to take place, VISTA must be docked in a VISTA Transfer Station (or USB Base) connected to your Evidence Library software.

When you dock VISTA in a Transfer Station connected to Evidence Library software:

- VISTA's battery begins to charge, if needed
- VISTA's time and date synchronize with the Evidence Library system, if needed (VISTA without Wi-Fi® and GPS only)

Important! *VISTA cameras without Wi-Fi and GPS set their internal date and time from the date and time on your Evidence Library software's computer. If the computer's date and time is set incorrectly, VISTA's date and time will be set incorrectly, and your video evidence will be marked with the incorrect date and time.*

VISTA WiFi (VISTA with Wi-Fi and GPS) sets its own date and time.

- VISTA's firmware updates, if a firmware update has been staged on the camera
- VISTA communicates to the Evidence Library software that it has recorded events to upload, if applicable
- Recorded events are uploaded to the Evidence Library software
- Evidence Library software sends commands and/or requests to VISTA:
  - Mark any imported recorded events as import confirmed

    The events confirmed as imported are immediately unprotected. This makes the storage space available to be reused as needed.
  - Update the configuration, if applicable

    If the configuration is manually pushed to VISTA (through the Evidence Library checkout process), the configuration is updated immediately.

    If the configuration is automatically pushed to VISTA, the configuration is updated after VISTA is undocked.
  - Stage a firmware update, if applicable

    The firmware update is staged on VISTA immediately, and then is updated the next time VISTA is docked.

When you undock VISTA from the Transfer Station, it is ready for normal operation.

VISTA WiFi: Docking VISTA WiFi in a VISTA WiFi Base

Note: *Not all VISTA Wearable Cameras or VISTA bases have the Wi-Fi® feature. For more information, contact your WatchGuard Video representative.*

Docking VISTA WiFi in a VISTA WiFi Base allows you to perform the following tasks:

- Associate with a recording group that can include a 4RE DVR and other VISTA cameras (**page 25**)
- Update the camera's firmware (**page 23**)
- Upload recorded events from the camera's storage (**page 21**)
- Charge the camera's battery (**page 24**)

  You should only use the WiFi Base for incidental charging during your shift. Charging in a vehicle base can impact

the vehicle battery and can slow down significantly in warmer temperatures.

Tip: *Use the USB Base or the Transfer Station inside your agency when fully charging the VISTA battery.*

Important! *VISTA WiFi needs to interact with Evidence Library software to be customized for your agency. For that interaction to take place, VISTA WiFi must initially be docked in a VISTA USB Base or Transfer Station connected to your Evidence Library software.*

When you dock VISTA WiFi in a WiFi Base:

- VISTA WiFi's battery begins to charge, if needed
- VISTA WiFi's firmware updates, if a firmware update has been staged on the camera
- VISTA WiFi pairs with the WiFi Base; when it does, it becomes associated with the local recording group

  When VISTA WiFi becomes associated with the local recording group, it is disassociated from any other recording group.

When you dock VISTA WiFi in a WiFi Base that is connected (wired or wirelessly) to an Evidence Library 4 Web upload server:

Note: *WatchGuard Video recommends that you use version 4.1 (or higher) of EL4 Web for the best experience.*

- VISTA WiFi communicates to EL4 Web that it has recorded events to upload, if applicable

  VISTA WiFi must be configured to upload events directly to EL4 Web from the WiFi Base.
- Recorded events are uploaded to EL4 Web, if applicable
- EL4 Web sends commands and/or requests to VISTA WiFi:
  - Mark any imported recorded events as import confirmed

    The events confirmed as imported are immediately unprotected. This makes the storage space available to be reused as needed.
  - Stage a firmware update, if applicable

    The firmware update is staged on VISTA WiFi immediately. The firmware is updated the next time VISTA WiFi is docked.

When you undock VISTA WiFi from the WiFi Base, it is ready for normal operation.

For more information about...

The VISTA WiFi Base, see *VISTA WiFi: About the VISTA WiFi Base* on **page 52**.

Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Provisioning

Tip: *Before using VISTA for the first time, fully charge and provision it.*

You provision your VISTA Wearable Camera while it is docked in a USB Base or VISTA Transfer Station. When you provision VISTA, you use your WatchGuard Video Evidence Library software to assign a configuration and an officer name.

Depending on how your agency assigns its VISTA cameras, you may need to provision and check out VISTA each time you use it (for example, from a pool of VISTA cameras) or only rarely as its configuration needs to be updated (for example, if a VISTA camera has been assigned to you long-term).

To provision VISTA:

1. Dock VISTA in the USB Base or Transfer Station connected to your Evidence Library software.
2. Using Evidence Library software, create and/or assign a configuration and an officer to the docked VISTA.

   For instructions how to assign a configuration and officer to VISTA, see your Evidence Library software documentation.

During the provisioning process, VISTA must remain docked.

VISTA configuration

You can only create a VISTA configuration in your Evidence Library software.

Note: *For specific instructions how to create and set up a configuration for VISTA, see your Evidence Library software documentation.*

Some of the configuration properties you can set up for VISTA in your Evidence Library software include:

- Agency or department name
- Time zone where the agency or department is located
- Officer name and badge ID
- VISTA device ID
- Event tags including a list of possible event categories (**page 34**)
- Officer preferences for indicators, including (**page 42**)
  - Alert preference (none, tone, vibration, or tone and vibration together)
  - LED brightness
  - Tone volume
- VISTA WiFi behaviors, including
  - Recording group interactions (**page 63**)
  - Allow connection to the VISTA SmartConnect smartphone app (**page 71**)

- Network preferences, including
  - Allow VISTA to upload to Evidence Library 4 Web (EL4 Web) when docked in VISTA WiFi Base (EL4 Web only)
  - Maximum wireless upload time (EL4 Web only)
- Recording preferences, including
  - Video quality and frame rate
  - Enable Record-After-the-Fact® (RATF) (**page 58**)
  - Force microphone on all the time (**page 59**)
  - Enable pre-event capture (**page 57**)
  - Enable split events
  - Allow audio muting (**page 33**)
  - Require confirmation of recorded event stop
- Power- and storage-saving preferences, including
  - Allow sleep (**page 60**)
  - Allow automatic power off (**page 61**)
  - Enable maximum recorded event time (**page 61**)
  - Enable recording reminder alerts (**page 62**)

Uploading

You can upload recorded events from your VISTA Wearable Camera while it is docked in any of the three bases:

- USB Base

  You can upload recorded events automatically or manually from a VISTA in a USB Base, depending on the settings in your Evidence Library software.

- VISTA Transfer Station

  Events upload automatically from a VISTA in the VISTA Transfer Station.

- VISTA WiFi Base

  Events upload from a VISTA (typically VISTA WiFi) in the WiFi Base, ONLY IF the WiFi Base is connected (wired or wirelessly) to an Evidence Library 4 Web (EL4 Web) upload server. The events upload automatically.

> ***Note:*** *VISTA must be configured to upload events to EL4 Web from the WiFi Base.*

You use your WatchGuard Video Evidence Library software to manage all aspects of the upload and import.

To upload recorded events from VISTA:

1. Dock VISTA in a base or Transfer Station connected to your Evidence Library software.

   The **Evidence Library software** automatically detects that **VISTA is docked in a USB Base or VISTA Transfer Station** and that it has events to upload. The events begin to upload automatically if applicable.

   EL4 Web automatically detects that **VISTA WiFi is docked in a WiFi Base** and that it has events to upload. The events begin to upload automatically if applicable.

2. Follow any prompts in the Evidence Library software to upload video from VISTA and import it to evidence storage.

   For instructions how to import video from VISTA to your evidence storage, see your Evidence Library software documentation.

During the upload process, VISTA must remain docked in the base or Transfer Station.

Record-After-the-Fact® events

If VISTA is configured with Record-After-the-Fact (RATF) enabled and it is docked in a USB Base, you can use the Evidence Library software to define and request an RATF event from VISTA. (An RATF event usually consists of video that was not originally part of a recorded event.) VISTA generates the RATF event after you undock it, then uploads the RATF event the next time you dock for upload.

For more information about...

VISTA and RATF events, see *Record-After-the-Fact®* on **page 58**.

Recorded events, see *Video, Audio, and Subtitle Evidence* on **page 36**.

How to define and request an RATF event from VISTA, see your Evidence Library software documentation.

Clearing video out of VISTA storage

Once VISTA has successfully uploaded its recorded events to evidence storage using Evidence Library software, VISTA no longer protects that storage space. It can then be used for future recorded events.

Updating firmware

While the VISTA Wearable Camera is docked, your Evidence Library software determines whether the camera's firmware needs to be updated. If VISTA needs an update, the Evidence Library software can push the new firmware to the camera.

You can push new firmware to your VISTA Wearable Camera while it is docked in any of the three bases:

- USB Base

  You can push a firmware update to VISTA automatically or manually when it is docked in a USB Base, depending on the settings in your Evidence Library software.

- VISTA Transfer Station

  You can push a firmware update to VISTA automatically when it is docked in a VISTA Transfer Station.

- VISTA WiFi Base

  You can push a firmware update to VISTA (typically VISTA WiFi) when it is docked in a VISTA WiFi Base, ONLY IF the WiFi Base is connected (wired or wirelessly) to an Evidence Library 4 Web (EL4 Web) upload server. The firmware update is pushed automatically.

When new firmware is pushed to VISTA, the firmware is staged on the camera, then the next time the camera is docked, the firmware is updated.

To update VISTA's firmware:

1. Dock VISTA in a base or Transfer Station connected to your Evidence Library software.

   The Evidence Library software automatically detects that VISTA is docked and that its firmware needs to be updated.

2. Using Evidence Library software, make sure the new firmware is pushed to VISTA.

   Note: *Evidence Library software can be set up to push firmware manually or automatically to VISTA. For instructions how to push new firmware manually and/or automatically to VISTA, see your Evidence Library software documentation.*

   The new firmware is staged on the VISTA camera.

3. The **next time** you dock the camera, the firmware is updated.

   The camera cannot perform any other function, including uploading video, while it is updating its firmware. While the firmware is updating, **UPDATING DO NOT INTERRUPT** shows in the LCD Display.

   Warning! *DO NOT REMOVE VISTA from the dock while its firmware is updating. Removing VISTA from the dock during the firmware update can cause the camera to stop functioning.*

   When the firmware update has finished, VISTA sounds the camera ready alert (depending on your alert notification selections).

Charging

Tip: *Before using VISTA for the first time, fully charge and provision it.*

The VISTA Wearable Camera charges any time it is docked, if it needs to charge. The VISTA battery can fully charge in 3 to 5 hours.

Tip: *WatchGuard Video recommends that you use the USB Base or the Transfer Station inside your agency when fully charging the VISTA battery. Charging in a vehicle base can impact the vehicle battery and can slow down significantly in warmer temperatures.*

To fully charge VISTA:

- Dock VISTA in either the USB Base or the Transfer Station inside your agency.

VISTA can charge in a USB Base connected to the USB port on a computer, depending on the voltage provided by the USB port. The camera charges significantly faster when docked in a USB Base that is plugged into an electrical outlet or in a VISTA Transfer Station.

Caution: *Some computers can be damaged when the USB Base is plugged into an electrical outlet for power then directly into the computer using the USB cable. To prevent this from happening, connect the USB Base to the computer through the approved USB hub (Sabrent 7-Port USB 2.0 Hub, WatchGuard Video part number WGP02364).*

While VISTA is charging, the **Battery Charge** icon on the display animates and the green LED blinks. The LCD Display alternates between **CHARGING** and the VISTA **Device ID**.

When VISTA is fully charged, the green LED lights steadily and two tones sound. The LCD Display scrolls **CHARGE COMPLETE** once, then continuously shows the VISTA **Device ID**.

Note: *VISTA may or may not sound tones, depending on your alert notification selections.*

For more information about the VISTA battery, see *Battery* on **page 43**.

VISTA WiFi: Associating with a recording group

When you dock VISTA WiFi in a VISTA WiFi Base, the camera pairs with the WiFi Base. This pairing allows the camera to associate with the local recording group that includes the WiFi Base. The recording group can also include other VISTA WiFi cameras and the local 4RE DVR. A recording group is typically linked to a vehicle.

Note: *You can pair more than one VISTA WiFi camera with the same WiFi Base.*

When VISTA WiFi is associated with a recording group, it can participate in group recordings. A group recording is multiple devices collaborating to start and stop their recorded events together. When a group recording is uploaded, each device's event is linked to the other group members' events.

To associate VISTA WiFi with a recording group:

- Dock VISTA WiFi in a VISTA WiFi Base that is connected to a local recording group.

The VISTA WiFi green LED blinks three times when it has successfully paired with the WiFi Base. The VISTA WiFi LCD Display shows signal bars when the camera is paired with and in range of the WiFi Base.

Once the camera is paired with the base, it is also associated with the local recording group.

Note: *When VISTA WiFi becomes associated with the local recording group, it is disassociated from any other recording group.*

For more information on recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Wearing VISTA

The VISTA Wearable Camera has four main mounting options:

- Rotatable shirt clip (included with the standard battery version) (below)
- Duty belt clip (below)
- Locking chest mount (included with the extended battery version) (**page 27**)

> ***Warning!*** *The chest mount uses magnets to hold the VISTA camera in place. Do not wear the chest mount near sensitive medical equipment or implants such as pacemakers or other magnetically programmable medical devices.*

- MOLLE vest loop mount (**page 28**)

Wear VISTA on your clothing where it is most comfortable, convenient, and secure for you. Make sure that the lens is not obstructed and that it is aimed at the horizon.

The quick mounting latch on VISTA attaches to any of the mounting options.

Using the rotatable shirt clip and duty belt clip

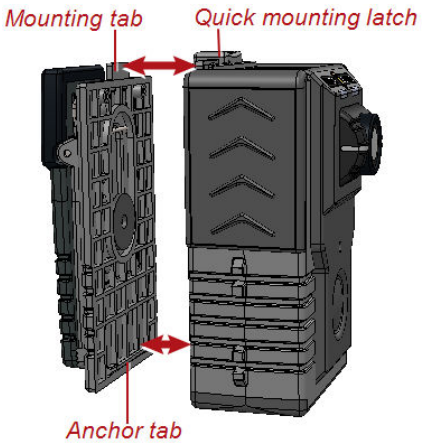
The rotatable clip mount uses a heavy-duty alligator clip that rotates and slides to make it more convenient for you to secure VISTA where you want to wear it.

The belt clip mount uses an alligator clip with a hook at the bottom to securely clip VISTA to your duty belt.

Both clips connect to VISTA the same way.

To connect VISTA to either clip:

1. Match the anchor tab on the back of the clip with the slot on the back of VISTA.
2. Match the mounting tab on the clip with the quick mounting latch on VISTA, then slide the latch over the tab.
3. Attach the clip to your clothing or your belt where you want to wear VISTA.



Using the locking chest mount

Warning! *The chest mount uses magnets to hold the VISTA camera in place. Do not wear the chest mount near sensitive medical equipment or implants such as pacemakers or other magnetically programmable medical devices.*

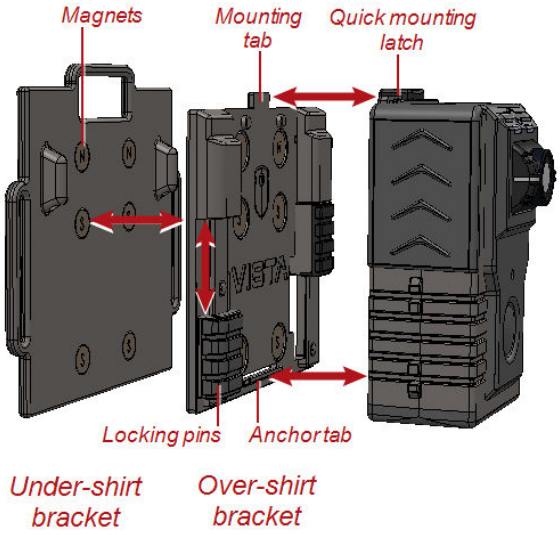
The chest mount uses magnets and locking pins to secure the mount to your clothing. When you wear the chest mount, one bracket goes under your shirt, the other goes over your shirt.

Important! *Because of the strength of the magnets, separating the brackets requires some effort. Realigning the brackets causes them to snap together forcefully.*

To use the chest mount:

1. Separate the under-shirt bracket from the over-shirt bracket.
2. Match the anchor tab on the over-shirt bracket with the slot on the back of VISTA.
3. Match the mounting tab on the over-shirt bracket with the quick mounting latch on VISTA, then slide the latch over the tab.
4. Place the under-shirt bracket under your shirt where you want to wear VISTA.
5. Place the over-shirt bracket, with VISTA attached, against the under-shirt bracket, with your shirt between them.

   The magnets on both brackets line up automatically, securing the mount to your shirt.



6. To lock the mount in place, slide both of the locking pins up into their safety housings.

Warning! *The chest mount uses magnets to hold the VISTA camera in place. Do not wear the chest mount near sensitive medical equipment or implants such as pacemakers or other magnetically programmable medical devices.*

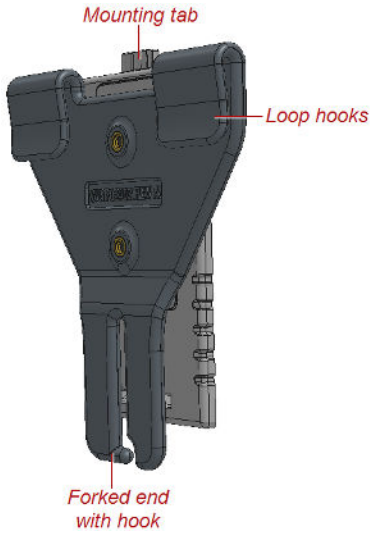
Using the MOLLE vest loop mount

Note: *Some of the earliest versions of the VISTA Wearable Camera do not connect to the MOLLE vest mount. Please consult with your WatchGuard Video representative for more information.*

The MOLLE vest mount uses hooks to anchor VISTA over two rows of loops on the MOLLE vest.

Tip: *Install the mount on the MOLLE vest before you connect VISTA to the mount.*

To use the MOLLE vest mount with VISTA:



1. Determine which two rows of loops on the MOLLE vest you want to use to mount the VISTA Wearable Camera.
2. On the lower of the two rows, slide the forked end down over the sewn seam between two loops until the hook is engaged below the seam.

   You may need to slightly twist the mount to help the hook slide over the seam.
3. Slightly fold the fabric between the two rows so that the upper loop hooks engage two loops on the upper row of loops.
4. Slide the upper loop hooks down over the two loops, straightening the fabric between the rows, to fully seat the mount.

   The forked end should be fully engaged with the seam on the lower row of loops. The loop hooks should be fully engaged with two loops on the upper row of loops.
5. Match the anchor tab on the bottom of the outward-facing plate of the MOLLE vest mount with the bottom slot on the back of VISTA.
6. Match the mounting tab on the top of the mount with the quick mounting latch on VISTA, then slide the latch over the tab.

Note: *VISTA connects to the MOLLE vest mount in the same way it connects to the shirt or belt clip. For more information, see Using the rotatable shirt clip and duty belt clip on* ***page 26****.*

Powering On and Off

You use the **Power** button to power VISTA on and off. The **Power** button is on the bottom of the VISTA Wearable Camera.

Powering on

To power VISTA on:

- With the power off, press and release the **Power** button.

VISTA goes through its booting sequence. When it is ready to use, the LCD Display reads **READY** and the green LED lights steadily. Three ascending tones sound (depending on your alert notification selections).

Powering off

Note: *VISTA can be configured to power off automatically if it is left idle (no movement and/or button presses) for a period of time. For more information, see Automatic Off on* ***page 61****.*

To power VISTA off:

- With the power on, press and release the **Power** button two times within 5 seconds.

After you press and release the **Power** button the first time, the LCD Display reads **OFF? 2X** asking for confirmation that you want to power VISTA off. Pressing the **Power** button the second time confirms to VISTA that you want to power it off.

Important! *If you do not press the* ***Power*** *button the second time within 5 seconds, the LCD Display clears, and you will need to start the power off sequence again.*

Once you press the **Power** button the second time, the LCD Display scrolls **SHUTTING DOWN** and the green LED turns off. Three descending tones sound (depending on your alert notification selections).

Forcing power off

In the rare case where VISTA stops responding to commands (or if WatchGuard Video Technical Services instructs you to), you can force VISTA to power off.

Warning! *Avoid forcing VISTA to power off, if at all possible. Forcing VISTA's power off can, in rare cases, result in data corruption.*

To force VISTA to power off:

- Press and hold the **Power** button until VISTA powers off, about 15 seconds.

Note: *If you have forced VISTA's power off, WatchGuard Video recommends that you dock VISTA in a USB Base as soon as it is feasible. Docking the camera in a USB Base allows VISTA to repair itself.*

Starting and Stopping a Recorded Event

Typically, you use the **Record Start/Stop** button to start or stop a recorded event on the VISTA Wearable Camera. The **Record Start/Stop** button is on the front of the VISTA camera.

If your VISTA WiFi is a member of a recording group, VISTA WiFi can start or stop a recorded event automatically when alerted by another group member that the other group member has started or stopped an event. For more information on recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

If your VISTA WiFi is connected to the VISTA SmartConnect smartphone app, you can start or stop a recorded event using SmartConnect. For more information on using the smartphone app, see *Starting and Stopping Recorded Events Using SmartConnect* on **page 81**.

Starting a recorded event manually

To manually start a recorded event on VISTA:

- Press the **Record Start/Stop** button.

The LCD Display shows the **REC** icon (●**REC**) and the recording length, and the red LED lights steadily. Two ascending tones sound with a vibration (depending on your alert notification selections).

Note: *A VISTA WiFi that has automatically started an event behaves in the same way.*

As the recorded event continues, the LCD Display shows the current recorded event length increasing every second and the storage indicators updating as needed.

Stopping a recorded event manually

Note: *VISTA can be configured to NOT allow manual event stop. If you cannot manually stop the VISTA camera, when you press the* ***Record Start/Stop*** *button, two low tones sound with a vibration (depending on your alert notification selections) and the LCD Display reads* ***IGNORED*** *for 3 seconds.*

To manually stop a recorded event on VISTA:

- Press the **Record Start/Stop** button.

Important! *You may need to press the* ***Record Start/Stop*** *button a second time within 5 seconds to confirm the event stop, depending on your VISTA configuration.*

The **REC** icon (●**REC**) turns off on the LCD Display and the red LED turns off. Two descending tones sound with a vibration (depending on your alert notification selections).

Note: *A VISTA WiFi that has automatically stopped an event behaves in the same way.*

After a recorded event has stopped, if event categorization is required as part of VISTA's configuration, the event categorization sequence starts. For instructions how to categorize a VISTA recorded event, see *Categorizing a Recorded Event* on **page 34**.

VISTA can be configured to stop a recorded event automatically after a period of time. For more information, see *Maximum Recorded Event Time* on **page 61**.

Tip: *Even if VISTA WiFi is NOT configured to require an event-stop confirmation (second press of the* ***Record Start/Stop*** *button within 5 seconds), you need to confirm an event stop in the following scenario:*

VISTA WiFi automatically starts an event because a member of the local recording group reports that it started a recorded event. You immediately (within 10 seconds) press the ***Record Start/Stop*** *button to STOP the recorded event because you do not want VISTA WiFi to record it. VISTA WiFi requests that you press the* ***Record Start/Stop*** *button again to confirm that you want to STOP the recorded event. If you do not press the button a second time within 5 seconds, VISTA WiFi continues to record the event.*

Muting the Audio During a Recorded Event

Note: *The ability to mute a VISTA Wearable Camera during a recorded event is set up as part of a configuration in WatchGuard Video Evidence Library software. You may or may not be able to mute your VISTA depending on the options selected in the configuration assigned to your camera.*

You can use the **Display Backlight** button on VISTA to mute the audio during a recorded event. The **Display Backlight** button is on the right side as you look at the front of VISTA.

If VISTA is configured to allow muting, when you press and hold down the **Display Backlight** button during an event, VISTA mutes the event audio. As long as you continue to hold the **Display Backlight** button, the audio is muted. When you release the button, the event audio continues normally.

Muting VISTA audio

To mute VISTA audio during a recorded event:

1. Press and hold down the **Display Backlight** button.
2. Continue to hold down the **Display Backlight** button as long as you want the event audio to remain muted.

   The LCD Display reads **MUTED** while you hold down the **Display Backlight** button.

VISTA audio unmutes when you release the **Display Backlight** button.

Tip: *You cannot mute the audio while you are categorizing a recorded event on VISTA. Selecting a category requires that you hold down the same button (**Display Backlight**) you hold down for muting. Once you have finished categorizing, you can again mute VISTA audio. For information on categorizing a recorded event on VISTA, see Categorizing a Recorded Event on* ***page 34****.*

Categorizing a Recorded Event

Note: *Event categorization is set up as part of a configuration in WatchGuard Video Evidence Library software. You may or may not need to categorize a recorded event depending on the configuration assigned to your VISTA Wearable Camera.*

You use the **Display Backlight** button on the VISTA Wearable Camera to select a category to apply to a recorded event. The **Display Backlight** button is on the right side as you look at the front of VISTA.

If VISTA is configured to require categorization, when you stop an event, the LCD Display immediately prompts you to select an event category.

If your VISTA WiFi is a member of a recording group, VISTA WiFi can automatically accept an event category from the 4RE DVR group member as its own category. However, any category selected directly on VISTA WiFi overrides the 4RE category. For more information on recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

If your VISTA WiFi is connected to the VISTA SmartConnect smartphone app, you can categorize an event using SmartConnect. Any category selected on SmartConnect overrides a 4RE category. If you categorize an event on both the VISTA WiFi camera and the smartphone app, the last selected category, regardless of the device, will be applied to the event. For more information on using the smartphone app, see *Categorizing Recorded Events Using SmartConnect* on **page 78**.

Categorizing a recorded event on VISTA

To categorize a recorded event:

1. Stop the event manually or allow VISTA WiFi to stop the event automatically.

   The LCD Display shows the event categorization prompt (the prompt default is **CATEGORY**).

2. Press and release the **Display Backlight** button as many times as needed to move through the list of available event categories, one at a time.
3. Press and hold the **Display Backlight** button for at least 2 seconds when the event category you want to select shows on the LCD Display.

   The LCD Display reads **SAVED** and shows you which category you selected. One long tone sounds with a vibration (depending on your alert notification selections).

If another recorded event starts (manually or automatically) while VISTA is in the middle of the event categorization sequence, VISTA aborts the sequence and starts the new event. You will be able to categorize the recorded event later in your Evidence Library software, if necessary.

About VISTA

In this section...

Overview

The VISTA Wearable Camera:

- Captures, processes, and stores video and audio evidence (below)
- Functions as a camera and DVR (digital video recorder) combination (**page 38**)
- Includes mounts to help you wear it on your clothing (**page 47**)
- Comes with a USB Base for charging, provisioning, and uploading (**page 50**)
- Can be docked in a VISTA Transfer Station for charging, provisioning, and uploading (**page 51**)
- VISTA WiFi: Can be paired with a VISTA WiFi Base for charging, uploading, and associating with a recording group (**page 52**)

Video, Audio, and Subtitle Evidence

The VISTA Wearable Camera works as a DVR and camera combination to collect evidence in the form of recorded events. A recorded event is a unique, protected segment of recorded:

- Video (**page 37**)
- Audio (**page 37**)
- Subtitles (**page 37**)

When you press the **Record Start/Stop** button to start and then stop a recording, VISTA protects the video/audio segment between the two button presses as a recorded event.

If your VISTA WiFi is a member of a recording group, VISTA WiFi can also start or stop a recorded event automatically when alerted by another group member that the other group member has started or stopped an event. VISTA WiFi protects the segment between the automatic start and stop in the same way it protects the segment between the manual button presses. Both protected segments are recorded events.

Note: *Not all VISTA Wearable Cameras are VISTA WiFi cameras. If you are not sure whether your equipment has the Wi-Fi® feature, contact your WatchGuard Video representative.*

Depending on the configuration applied to VISTA, the camera may be capturing video all the time or only during a recorded event. If the camera is capturing video all the time (Record-After-the-Fact® (RATF) is enabled), only the protected segment (between the manual or automatic start and stop) is considered a recorded event.

Tip: *If VISTA is configured with RATF enabled, you may be able to use your Evidence Library software to send a manual request to the camera to retrieve an RATF event: video that was not originally part of a recorded event. For more information about retrieving an RATF event from VISTA, see your Evidence Library software user guide.*

If VISTA is configured to enable pre-event video, a recorded event also includes that pre-event time.

Normally, only recorded events are uploaded to your Evidence Library software.

Video

VISTA records one stream of video and compresses it using h.264 high-profile compression. Depending on the configuration applied to VISTA, the video quality can be:

- High definition (HD), 720p, at a frame rate of 5, 10, 15, or 30 frames per second

  or

- Standard definition (SD), 480p, at a frame rate of 5, 10, 15, or 30 frames per second

Audio

VISTA records CD quality audio with minimal distortion and wind noise. Depending on the configuration applied to VISTA, the camera can:

- Continuously record audio (default setting)

  or

- Only record audio during recorded events

Subtitles

Subtitles are the text information that can be overlaid on the video. VISTA includes the following subtitles:

- Officer name
- Date and time
- VISTA device ID
- Microphone on or off
- GPS location (VISTA WiFi only)

Tip: *The subtitles are always included with the video and audio in a recorded event, but using your Evidence Library software, you can turn them off or on, if needed.*

For more information about...

The VISTA RATF special feature, see *Record-After-the-Fact*® on **page 58**.

Pre-event video, see *Pre-Event Capture* on **page 57**.

Provisioning VISTA with a configuration, see *Provisioning* on **page 20**.

Importing VISTA recorded events to Evidence Library software, see *Uploading* on **page 21**.

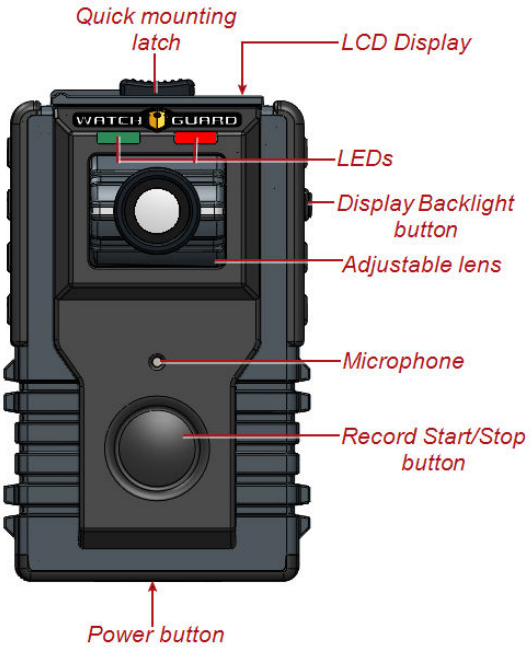
Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Camera Components

The VISTA Wearable Camera functions as a camera and DVR (digital video recorder) combination.

VISTA components include:

- Camera sensor and lens (**page 39**)
- Microphone (**page 39**)
- Buttons (**page 39**)
  - Power
  - Record Start/Stop
  - Display Backlight
- LCD Display (**page 40**)
- Feedback indicators (**page 42**)
  - Tones
  - Vibration
  - LEDs
- Storage (**page 42**)
- Battery (**page 43**)
- Wi-Fi (VISTA WiFi only) (**page 44**)
- GPS (VISTA WiFi only) (**page 45**)
- Quick mounting latch (**page 43**)



Note: *Not all VISTA Wearable Cameras are VISTA WiFi cameras. If you are not sure whether your equipment has the Wi-Fi feature, contact your WatchGuard Video representative.*

Camera sensor and lens

VISTA's camera sensor is an ultra-wide dynamic range (U-WDR) image sensor. This sensor:

- Maintains rich colors at all light levels
- Increases low-light sensitivity

The 130-degree wide-angle lens rotates vertically +/-20 degrees. WatchGuard Video recommends that you position the lens aiming at the horizon.

Microphone

VISTA uses a digital microphone to record CD quality sound with minimal distortion and wind noise.

Depending on the configuration applied to VISTA, the microphone:

- Continuously records audio (default setting)

  or

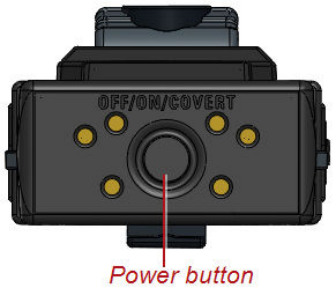
- Only records audio when you press the **Record Start/Stop** button

You can mute the VISTA microphone, depending on VISTA's configuration, using the **Display Backlight** button. For more information, see *Muting the Audio During a Recorded Event* on **page 33**.

Buttons

VISTA has three buttons that control the camera's functionality:

- **Power** button
- **Record Start/Stop** button
- **Display Backlight** button



Power button

You use the **Power** button to power VISTA on or off as well as place it in Covert Mode. The **Power** button is on the bottom of the camera.

For instructions how to power VISTA on and off, see *Powering On and Off* on **page 30**. For more information about placing VISTA in Covert Mode, see *Covert Mode* on **page 62**.

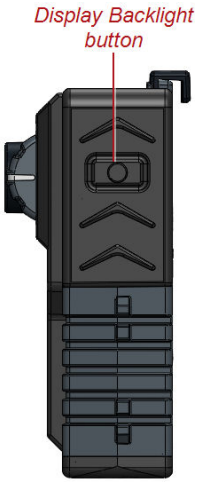
Record Start/Stop button

You use the **Record Start/Stop** button to start or stop a recorded event on VISTA. The **Record Start/Stop** button is on the front of the camera.

For instructions how to start and stop a recorded event on VISTA, see *Starting and Stopping a Recorded Event* on **page 31**.

Display Backlight button

You use the **Display Backlight** button for multiple functions, including:



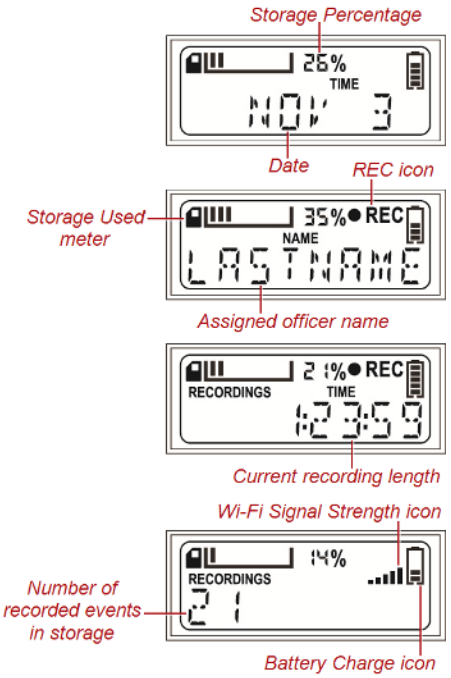
- Turning on the backlight for VISTA's LCD Display
- Showing VISTA's status on the LCD Display
- Aborting the sequence of status information on the display
- Muting the audio during a recording (see *Muting the Audio During a Recorded Event* on **page 33**)
- Selecting an event category to assign to a recording (see *Categorizing a Recorded Event* on **page 34**)
- Turning on VISTA WiFi's access point (hotspot) for the SmartConnect smartphone application (see *Appendix A: Using VISTA SmartConnect* on **page 71**)
- Canceling the sleep warning period (see *Sleep Power State* on **page 60**)
- Canceling the maximum recording time warning period (see *Maximum Recorded Event Time* on **page 61**)

The **Display Backlight** button is on the right side as you look at the front of the camera.

LCD Display

The LCD Display shows a number of icons and messages to indicate the status of the camera. The icons show in the top half of the display; the messages show in the 8-character area on the bottom half of the display. If a message is longer than 8 characters, the message scrolls. The LCD Display is on the top of the camera.

The LCD Display informs you of:



- **Assigned officer name**
- **Available event categories**

  Each category shows in the 8-character area as you cycle through the list, for example, **DOMESTIC**. If the item is longer than 8 characters, the item scrolls. The list of categories is configured in your Evidence Library software (see *Categorizing a Recorded Event* on **page 34**).

- **Battery status**

  As the charge level decreases, the number of bars in the **Battery Charge** icon decreases (see *Battery* on **page 43**).

- **Current date and time**

  The date shows as an abbreviation for the month with a 1- or 2-digit day of the month, for example, **NOV 3**.

- **Current recording length**

  The recording length shows in the form HH:MM:SS, for example, **1:23:59**, and includes any configured pre-event time (see *Pre-Event Capture* on **page 57**).

- **Number of recorded events in storage**
- **Recording status**

  The **REC** icon (**●REC**) shows whether VISTA is currently recording.

- **Saved storage total**

  The saved storage total shows as a decimal value in GB, for example, **11.07 GB**.

- **Storage status**

  As VISTA storage fills, the **Storage Used** meter fills with bars and the **Storage Percentage** increases (see *Storage* on **page 42**).

- **Upload status**, if docked in the VISTA Transfer Station or the VISTA WiFi Base

  The upload status shows the number of events uploaded out of the total number of events to upload (see *Uploading* on **page 21**).

- **Wi-Fi or GPS signal status** (VISTA WiFi only)

  Most of the time, the **Wi-Fi Signal Strength** icon shows the status of VISTA WiFi's Wi-Fi connection with the WiFi Base (see *VISTA WiFi: About the VISTA WiFi Base* on **page 52**). During the status information sequence (shows on the LCD Display when you press the **Display Backlight** button), the **Wi-Fi Signal Strength** icon shows the status of the GPS signal (see *GPS signal status* on **page 45**).

When VISTA is not recording, the default message shown on the LCD Display is the number of recorded events in storage. When VISTA is not recording, but it is in Covert Mode, the default shown on the display is **COVERT**. When the camera is recording, the default shown is the current recording length.

Feedback indicators

Apart from the LCD Display, VISTA can also provide feedback on its status using:

- Tones
- Vibration
- Red and green LEDs

All of these feedback indicators are configurable in your Evidence Library software. You can set up the tones and vibration to alert with:

- Tone only
- Vibration only
- Tone and vibration together
- No tone or vibration

You can configure the brightness level of the LEDs or set them to adjust automatically depending on the time of day.

Note: *If you place VISTA in Covert Mode, no tones sound and the LEDs do not light. For information about placing the camera in Covert Mode, see Covert Mode on* ***page 62****.*

Storage

The VISTA Wearable Camera can store about 10 hours of the highest quality HD (high definition) video.

VISTA's LCD Display shows a **Storage Used** meter and a **Storage Percentage** to indicate how much of the storage has been used for protected video/audio (recorded events). As VISTA records events and its storage fills, the **Storage Used** meter fills with bars and the **Storage Percentage** number increases. For information about protected video/audio, see *Video, Audio, and Subtitle Evidence* on **page 36**.

When the meter shows bars, video evidence has been saved in storage. The **Storage Percentage** number shows the corresponding percentage of storage used.

When the **Storage Used** meter shows all ten bars, storage is more than 90 percent full (the **Storage Percentage** number will show **91%** or higher). You should dock VISTA to import video to your Evidence Library software as soon as possible.

VISTA offers some special features to help you conserve storage space. For more information, see *Battery and storage saving special features* on **page 56**.

When VISTA is about 10 minutes away from running out of storage space, the camera alerts you with:

- Two short tones and/or a vibration (depending on VISTA's alert configuration settings)
- Slow-blinking red LED and **Storage Used** meter on the LCD Display

When VISTA storage is full, the camera alerts you again with an error condition alert:

- Fast-blinking red LED
- Three short tones and/or a vibration (depending on VISTA's alert configuration settings)
- Error message on the LCD Display

Warning! *If storage fills completely, VISTA stops recording new video.*

To free up storage space on VISTA, you must upload recorded events from VISTA to your Evidence Library software. For information about uploading events to Evidence Library, see *Uploading* on **page 21**.

Battery

The VISTA Wearable Camera uses a lithium-polymer (LiPo) battery. The battery charges in 3 to 5 hours when docked in a VISTA USB Base connected to an electrical outlet or in a VISTA Transfer Station.

Caution: *Some computers can be damaged when the USB Base is plugged into an electrical outlet for power then directly into the computer using the USB cable. To prevent this from happening, connect the USB Base to the computer through the approved USB hub (Sabrent 7-Port USB 2.0 Hub, WatchGuard Video part number WGP02364).*

Tip: *WatchGuard Video recommends that you use the USB Base or the Transfer Station inside your agency when fully charging the VISTA battery. Charging in a vehicle base can impact the vehicle battery and can slow down significantly in warmer temperatures.*

VISTA is available in two battery versions:

- Standard capacity battery

  VISTA with the standard capacity battery weighs 4.3 ounces and can continuously record the highest HD (high definition) quality video for about 6 hours.

- Extended capacity battery

  VISTA with the extended capacity battery weighs 5.3 ounces and can continuously record the highest HD quality video for about 9 hours.

Important! *VISTA WiFi is ONLY available with the extended capacity battery.*

VISTA's LCD Display shows a **Battery Charge** icon that indicates the charge level of the battery. When the icon shows the battery with all five bars, the battery is fully charged. When the icon shows less then five bars, the charge level of the battery is less than fully charged.

When the **Battery Charge** icon shows only the outline, the battery charge is less than 10 percent; in this case, you should dock VISTA to charge as soon as possible. For instructions how to charge the VISTA battery, see *Charging* on **page 24**.

When VISTA has nearly run out of battery power (less than 5 percent of full capacity remaining), the camera alerts you with:

- Two tones and/or a vibration (depending on VISTA's alert configuration settings)
- Slow-blinking red LED and **Battery Charge** icon on the LCD Display

VISTA offers a number of special features to help you conserve battery power. For more information, see *Battery and storage saving special features* on **page 56**.

LOW BATT message

The **LOW BATT** message appears on the VISTA LCD Display when you push the **Power** button to power the camera up, but the battery charge level is so low that VISTA cannot successfully power up. You should dock VISTA to charge as soon as possible.

LOW BASE message

The **LOW BASE** message appears on the VISTA LCD Display when VISTA is docked in a USB Base, but the base is not providing enough power to charge the camera.

VISTA can charge in a USB Base connected to the USB port on a computer, depending on the voltage provided by the USB port. The camera charges significantly faster when docked in a USB Base plugged into an electrical outlet or in a VISTA Transfer Station.

Caution: *Some computers can be damaged when the USB Base is plugged into an electrical outlet for power then directly into the computer using the USB cable. To prevent this from happening, connect the USB Base to the computer through the approved USB hub (Sabrent 7-Port USB 2.0 Hub, WatchGuard Video part number WGP02364).*

VISTA WiFi: Wi-Fi

Note: *Not all VISTA Wearable Cameras or VISTA bases have the Wi-Fi® feature. If you are not sure whether your equipment has the Wi-Fi feature, contact your WatchGuard Video representative.*

The VISTA WiFi Wearable Camera adds built-in Wi-Fi (802.11n) to the existing VISTA Wearable Camera.

Note: *VISTA WiFi also adds GPS to the existing VISTA feature set. For more information, see VISTA WiFi: GPS on* ***page 45***.

The Wi-Fi feature allows VISTA WiFi to pair with the WiFi Base. Once the camera and the base are paired, VISTA WiFi is associated with the local recording group. For more information about pairing VISTA WiFi with the WiFi Base, see *VISTA WiFi: Associating with a recording group* on **page 25**.

When VISTA WiFi is paired with the base, the camera LCD Display shows a **Wi-Fi Signal Strength** icon that indicates the strength of the Wi-Fi signal coming from the WiFi Base.

Because of the Wi-Fi feature, VISTA WiFi can also operate as a Wi-Fi access point (hotspot) for the VISTA SmartConnect smartphone application. For more information on connecting SmartConnect with VISTA WiFi, see *Appendix A: Using VISTA SmartConnect* on **page 71**.

For more information about...

Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

VISTA WiFi: GPS

The VISTA WiFi Wearable Camera adds built-in GPS (Global Positioning System) to the existing VISTA Wearable Camera.

Note: *VISTA WiFi also adds Wi-Fi to the existing VISTA feature set. For more information, see VISTA WiFi: Wi-Fi on* ***page 44****.*

VISTA WiFi uses the GPS feature to apply:

- Accurate timestamps to recorded events

  These timestamps allow your Evidence Library software to synchronize playback between events (video and/or audio) from VISTA WiFi cameras and/or 4RE DVRs.
- GPS location coordinates to VISTA WiFi recorded events

Both the timestamps and the location coordinates are included in the subtitles during playback in your Evidence Library software.

When the VISTA WiFi GPS finds its first fix, the camera LCD Display shows **GPS Lock** for 5 seconds.

Note: *The GPS feature can be disabled for VISTA WiFi in your Evidence Library software configuration, if you need to conserve power.*

GPS signal status

If GPS is enabled on VISTA WiFi, you can see the status of a VISTA WiFi's GPS signal during the status information sequence. The information sequence shows on the LCD Display when you press the **Display Backlight** button.

During the information sequence, VISTA WiFi uses the bars of the **Wi-Fi Signal Strength** icon to communicate the camera's GPS lock status:

- **0 bars**: GPS has never locked since the camera's last reboot
- **1 bar**: GPS has locked at least one time since the camera's last reboot, but is NOT currently locked
- **5 bars**: GPS is actively locked

Quick mounting latch

The quick mounting latch on VISTA attaches to the mounting tab on any of the mount options; slide the latch over the tab on the mount to attach or release VISTA.

For more information about mounting options and wearing VISTA, see *Available Mounts* on **page 47**.

Available Mounts

WatchGuard Video offers multiple mounting options for the VISTA Wearable Camera. The following mounts are the most common:

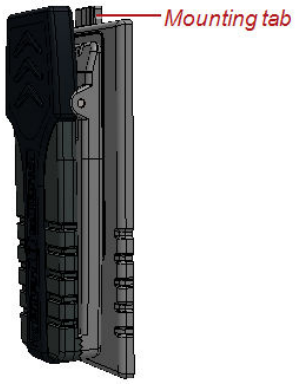
- Rotatable shirt clip (below)
- Locking chest mount (**page 48**)

> ***Warning!*** *The chest mount uses magnets to hold the VISTA camera in place. Do not wear the chest mount near sensitive medical equipment or implants such as pacemakers or other magnetically programmable medical devices.*

- Duty belt clip (**page 48**)
- MOLLE vest loop mount (**page 49**)

The quick mounting latch (**page 46**) on VISTA attaches to the mounting tab on any of the mounts.

Wear VISTA on your clothing where it is most comfortable, convenient, and secure for you. Make sure that the lens is not obstructed and that it is aimed at the horizon.



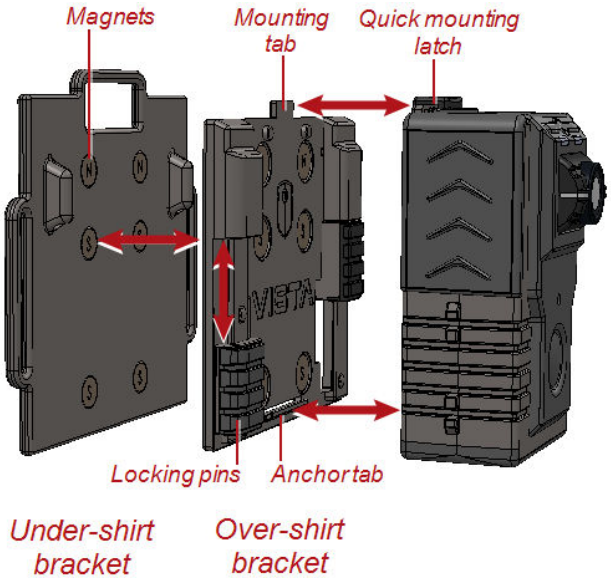
Rotatable shirt clip

The rotatable clip mount uses a heavy-duty alligator clip that rotates to make it more convenient for you to secure VISTA where you want to wear it.

For instructions how to connect the rotatable clip to your clothing, see *Using the rotatable shirt clip and duty belt clip* on **page 26**.

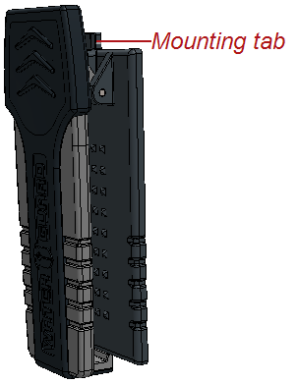
Locking chest mount

Warning! *The chest mount uses magnets to hold the VISTA camera in place. Do not wear the chest mount near sensitive medical equipment or implants such as pacemakers or other magnetically programmable medical devices.*



The chest mount uses magnets and locking pins to secure the mount to your clothing. When you wear the chest mount, one bracket goes under your shirt, the other goes over your shirt.

For instructions how to connect the magnetic chest mount to your clothing, see *Using the locking chest mount* on **page 27**.

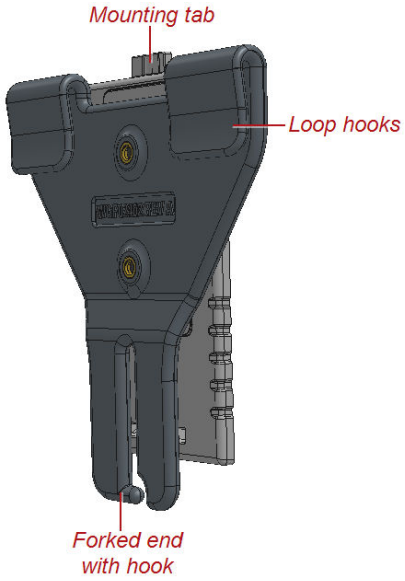


Duty belt clip

The belt clip mount uses the combination of an alligator clip with a hook at the bottom to securely clip VISTA to your duty belt.

Important! *Make sure that VISTA's lens is not obstructed if it is clipped to your belt; you should aim the lens at the horizon.*

For instructions how to connect the belt clip to your clothing, see *Using the rotatable shirt clip and duty belt clip* on **page 26**.



MOLLE vest loop mount

The MOLLE vest mount uses hooks to anchor VISTA to loops on the MOLLE vest.

For instructions how to connect the MOLLE vest loop mount to your clothing, see *Using the MOLLE vest loop mount* on **page 28**.

Other mounts

Other mount options include:

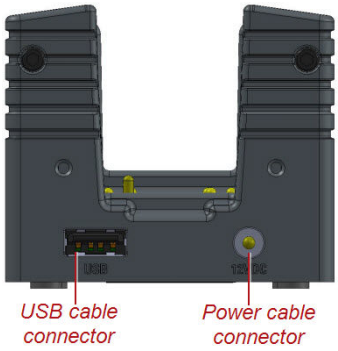
- **VELCRO® plate mount**: Works with externally-worn vests with VELCRO surfaces
- **Klick Fast mount**: Works with UK-style Klick Fast receivers
- **Tripod mount**: Works on standard mounts with 1/4”-20 threads
- **RAM® mount**: Includes a 1-inch ball for RAM accessories

Contact your WatchGuard Video representative for information.

About the USB Base

The VISTA Wearable Camera can use the USB Base for charging as well as interacting with Evidence Library software for:

- Uploading evidence
- Provisioning
- Updating firmware
- Defining a Record-After-the-Fact® (RATF) event
- Requesting a state capture for troubleshooting



The heavy-duty USB Base has connections for both a power cable and a USB cable. For instructions how to set up the VISTA USB Base, see *Setting up the VISTA USB Base* below.

When you dock VISTA in its USB Base, it automatically starts charging, if needed, and initiates an evidence upload, if applicable.

For more information about using VISTA with the USB Base, see *Docking VISTA in a USB Base* on **page 15**.

Setting up the VISTA USB Base

To set up the USB Base to use with a VISTA Wearable Camera and your Evidence Library software:

> ***Caution:*** *Some computers can be damaged when the USB Base is plugged into an electrical outlet for power then directly into the computer using the USB cable. To prevent this from happening, connect the USB Base to the computer through the approved USB hub (Sabrent 7-Port USB 2.0 Hub, WatchGuard Video part number WGP02364).*

1. Set up the approved USB hub and connect it to the computer where your Evidence Library software is located.
2. Plug the power cable for the USB Base into an electrical outlet.
3. Connect the power cable to the USB Base.
4. Connect the USB cable to the USB Base and then into the approved USB hub.

About the VISTA Transfer Station

The VISTA Wearable Camera can use the VISTA Transfer Station for charging as well as interacting with Evidence Library software for:

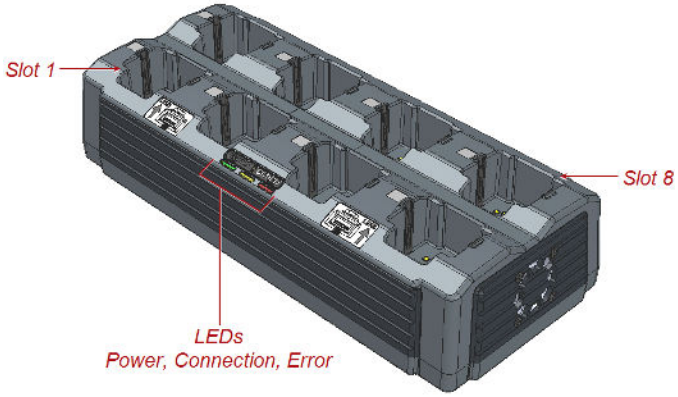
- Uploading evidence
- Provisioning
- Updating firmware automatically

The VISTA Transfer Station allows your agency's Evidence Library software to interact with multiple VISTA cameras simultaneously. You can connect multiple Transfer Stations to one instance of Evidence Library software.

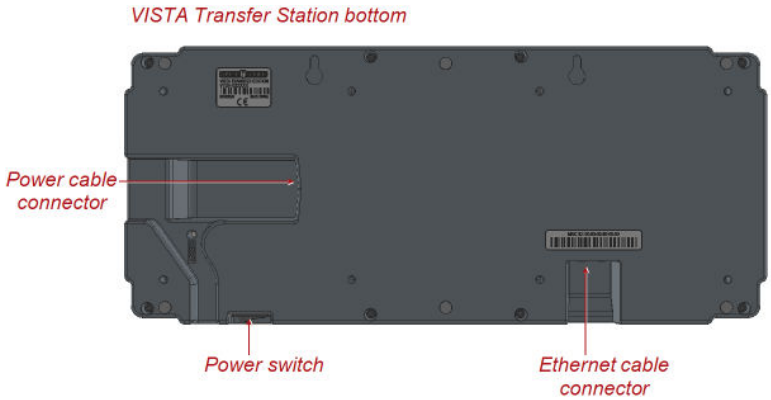
Each Transfer Station has eight slots for VISTA cameras.

Three LEDs on the Transfer Station show power and connection status:

- **Green, left position**: When lit, indicates that the Transfer Station is powered on
- **Amber, center position**: When lit, indicates that the Transfer Station is connected to Evidence Library software; when blinking, indicates data is being transferred
- **Red, right position**: When lit, indicates an error condition



The Transfer Station has connections for both a power cable and an Ethernet cable. You power the Transfer Station off and on using the power switch.



When you dock VISTA in a Transfer Station, it automatically starts charging, if needed, and initiates an evidence upload, if applicable.

For more information about using VISTA with the Transfer Station, see *Docking VISTA in a VISTA Transfer Station* on **page 17**.

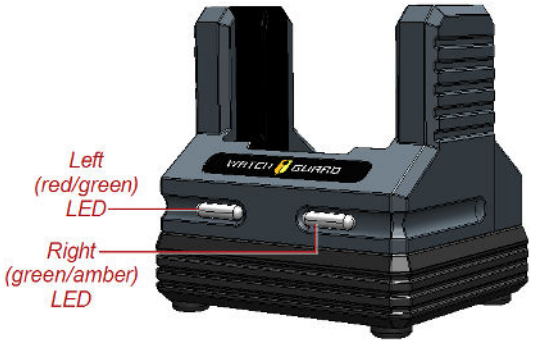
Setting up the VISTA Transfer Station

For instructions how to set up the VISTA Transfer Station, see *Appendix B: VISTA Transfer Station Setup* on **page 85**.

VISTA WiFi: About the VISTA WiFi Base

Note: *Not all VISTA Wearable Cameras or VISTA bases have the Wi-Fi® feature. If you are not sure whether your equipment has the Wi-Fi feature, contact your WatchGuard Video representative.*

The VISTA WiFi Wearable Camera can use the VISTA WiFi Base to



- Associate with a local recording group

  The WiFi Base acts as the Wi-Fi access point (802.11n hotspot) for VISTA WiFi to connect to the local recording group network. The WiFi Base broadcasts over an approximate range of 300 feet, line-of-sight.
- Update the camera's firmware
- Upload recorded events from the camera's storage (only with an Evidence Library 4 Web connection)
- Charge the camera's battery

  You should only use the WiFi Base for incidental charging during your shift. Charging in a vehicle base can impact the vehicle battery and can slow down significantly in warmer temperatures.

Tip: *Use the USB Base or the Transfer Station inside your agency when fully charging the VISTA battery.*

Two bi-color LEDs on the front of the WiFi Base show power and connection status. The left LED is either red or green.

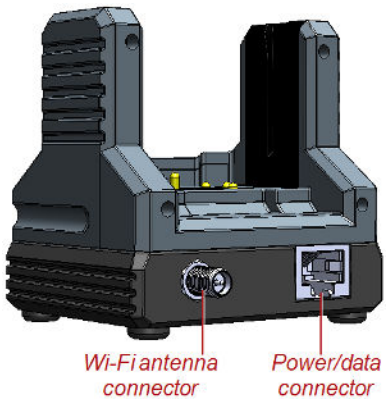
Left LED (red/green)	
LED state	**VISTA WiFi Base state**
Off	Powered off
Red	Undefined
Green	Powered on
Blinking red	Error condition
Blinking green	In shutdown or wireless upload timeout period

The left LED on the WiFi Base blinks green three times when it successfully pairs with a VISTA WiFi camera. The left LED blinks red three times if the pairing was not successful.

The right LED is either green or amber.

Right LED (green/amber)		
LED state	**VISTA WiFi docked state**	**VISTA WiFi Base state**
Off	---	Not connected to VISTA WiFi or upload server
Amber	Docked	Connected to upload server
Green	Not docked	Connected to VISTA WiFi (Wi-Fi connection)
Blinking amber	Docked	Activity with upload server
Blinking green	Not docked	Activity with VISTA WiFi (Wi-Fi connection)

If two VISTA WiFi cameras are paired with the same VISTA WiFi Base, and one is docked, the WiFi Base LEDs show the state of the DOCKED camera and WiFi Base pair.



The WiFi Base has connections for a Wi-Fi antenna cable and a WatchGuard-provided custom power/data cable on the back.

The WiFi Base power/data cable must connect to the Smart Power Switch. For more information about the WiFi Base as part of the local recording group network, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

When you dock VISTA WiFi in the WiFi Base, the camera pairs with the base. VISTA WiFi begins to charge, if needed, and initiates an evidence upload, if applicable.

Once VISTA WiFi is paired with the WiFi Base, VISTA WiFi is associated with the local recording group that includes the WiFi Base.

For more information about using VISTA WiFi with the WiFi Base, see *VISTA WiFi: Docking VISTA WiFi in a VISTA WiFi Base* on **page 18**.

Setting up the VISTA WiFi Base

Typically, the VISTA WiFi Base, its windshield antenna, and the Smart Power Switch are installed in the vehicle by your agency's installation technicians. For more information about installing the VISTA WiFi system equipment in the vehicle, see the *4RE Vehicle Installation Instructions*.

VISTA Special Features

In this section...

Overview

The VISTA Wearable Camera has a number of special features that give you more recording options and can help you save battery power and storage. VISTA also has a Covert Mode that turns off the camera tones and LEDs.

Recording special features

VISTA has the following special features related to recording:

- **Pre-Event Capture**: Enable this feature to allow VISTA to capture and save up to two minutes of additional video prior to a recorded-event start (**page 57**)
- **Record-After-the-Fact®**: Enable this feature to allow VISTA to continuously capture and save video that can generate a Record-After-the-Fact (RATF) event (**page 58**)
- **Force Microphone On**: Enable this feature to allow VISTA to capture audio whenever it is capturing and saving video (**page 59**)

Note: *All of the recording special features are configured in your Evidence Library software.*

Battery and storage saving special features

VISTA has the following special features related to saving battery power and storage space:

- **Sleep power state**: Enable this feature to allow VISTA to enter a low power state after a period of time with no activity (**page 60**)

  This feature can help save battery power.
- **Automatic Off**: Enable this feature to allow VISTA to turn itself off after a period of time with no activity (**page 61**)

  This feature can help save battery power.
- **Maximum Recorded Event Time**: Enable this feature to allow VISTA to automatically stop a recorded event when it reaches a specified duration (**page 61**)

  This feature can help save storage space.
- **Recording Reminder Alert**: Enable this feature to allow VISTA to notify you at regular intervals that it is still capturing a recorded event (**page 62**)

  This feature can help save storage space.

Note: *All of the battery and storage saving special features are configured in your Evidence Library software.*

Covert Mode

With Covert Mode enabled, VISTA sounds no tones, lights no LEDs, and only lights the Display Backlight on demand. For instructions how to enable Covert Mode on VISTA, see *Covert Mode* on **page 62**.

Pre-Event Capture

The Pre-Event Capture feature on the VISTA Wearable Camera allows you to capture and save up to two minutes of additional video prior to a recorded-event start. You configure the Pre-Event Capture feature in your Evidence Library software.

If the Pre-Event Capture feature is enabled, VISTA is continuously capturing and saving video whenever it is powered on and not asleep. When an event is started, manually or automatically, up to two minutes of that saved video is added to the recorded event prior to the event start time.

Note: *VISTA WiFi can start a recorded event automatically when associated with a recording group. For more information about starting events, see Starting and Stopping a Recorded Event on* ***page 31****.*

For example, you start a recorded event (by pressing **Record Start/Stop**) at 2:15 PM and stop it (again pressing **Record Start/Stop**) at 2:35 PM. With a Pre-Event Capture time configured for one minute, the recorded event includes video recorded from 2:14 PM to 2:35 PM.

For the Pre-Event Capture feature, in your Evidence Library software, you configure how much pre-event time you want captured, from none up to two minutes.

Audio

Audio is NOT typically included with pre-event video. Typically, VISTA only begins to record audio when you start a recorded event.

You can include audio whenever VISTA is recording if you enable the Force Microphone On feature. For information about this feature, see *Force Microphone On* on **page 59**.

For more information about...

Recorded events, see *Video, Audio, and Subtitle Evidence* on **page 36**.

Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Record-After-the-Fact®

The Record-After-the-Fact (RATF) feature on the VISTA Wearable Camera allows you to continuously capture and save video you can use to generate an RATF event. You enable the RATF feature in your Evidence Library software.

VISTA works as a DVR and camera combination to collect evidence in the form of recorded events. When a recording is started and then stopped, automatically or manually, VISTA protects the segment between the recording start and stop as a recorded event.

Note: *VISTA WiFi can start and stop a recorded event automatically when associated with a recording group. For more information about starting and stopping events, see Starting and Stopping a Recorded Event on* ***page 31****.*

When you enable the RATF feature on VISTA, the camera captures and stores video whenever it is powered on and not asleep; however, only the protected segment between the event start and stop (automatic or manual) is considered a recorded event. Typically, only recorded events are uploaded to your Evidence Library software.

For the RATF feature, in your Evidence Library software, you configure whether you want VISTA to continuously capture and save video or not.

Generating an RATF event

If VISTA has the RATF feature enabled, you can use your Evidence Library software to send a manual request to the camera to generate and retrieve an RATF event. An RATF event typically consists of video that was not originally part of a recorded event. For more information about generating and retrieving an RATF event from VISTA, see your Evidence Library software user guide.

Note: *The Evidence Library software can only send an RATF event request to a VISTA docked in the USB base.*

Storage

When RATF is enabled, VISTA overwrites the oldest unprotected (non-recorded event) area in storage with any newly captured video or recorded events. This process can continue until VISTA storage is filled with recorded events (protected recordings). Then you must upload recorded events to your Evidence Library software to free up storage space before you can continue to use VISTA.

Audio

Audio is NOT typically included in the saved video when RATF is enabled. Typically, VISTA only begins to record audio when a recorded event is started. This means that audio is NOT typically included with RATF video that was not originally part of a recorded event (protected recording).

You can include audio whenever VISTA is capturing and saving video if you enable the Force Microphone On feature. For information about this feature, see *Force Microphone On* below.

For more information about...

Recorded events, see *Video, Audio, and Subtitle Evidence* on **page 36**.

Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Force Microphone On

The Force Microphone On feature of the VISTA Wearable Camera allows you to capture audio whenever the camera is capturing and saving video. You enable the Force Microphone On feature in your Evidence Library software.

Typically, audio is only captured during a recorded event. This means that even though VISTA may be configured to capture video all the time, if a recorded event is not started, automatically or manually, VISTA does not record audio. (Audio is NOT typically included in pre-event video or Record-After-the-Fact® (RATF) events.)

Note: *VISTA WiFi can start and stop a recorded event automatically when associated with a recording group. For more information about starting and stopping events, see Starting and Stopping a Recorded Event on **page 31**.*

When you enable the Force Microphone On feature, VISTA captures audio with the video whenever it is capturing and saving video. This means that audio IS included with both pre-event video and RATF events.

For the Force Microphone On feature, in your Evidence Library software, you configure whether you want VISTA to capture audio whenever it is capturing and saving video or not.

For more information about...

Recorded events, see *Video, Audio, and Subtitle Evidence* on **page 36**.

Pre-event video, see *Pre-Event Capture* on **page 57**.

RATF events, see *Record-After-the-Fact®* on **page 58**.

Recording groups, see *VISTA WiFi: Using VISTA WiFi with a Recording Group* on **page 63**.

Sleep Power State

The Sleep power state on the VISTA Wearable Camera allows the camera to go into a low-power state designed to help you conserve battery power. You configure the Sleep state in your Evidence Library software.

When VISTA is configured for Sleep state, after a period of time with no movement and/or button presses, VISTA enters a low power state where it cannot capture any video or audio. From Sleep state, VISTA is ready to record in approximately 1 second.

The Sleep power state provides a significant reduction in power consumption. Starting with a fully charged battery, VISTA can remain in its Sleep power state for more than 30 hours before powering off due to a discharged battery.

For Sleep state, in your Evidence Library software you configure:

- Whether VISTA will sleep or not
- What makes VISTA sleep (lack of movement and/or button presses)
- How much time must elapse with no activity before VISTA goes to sleep

When VISTA is asleep, the LCD Display reads **SLEEP** and the green LED blinks slowly. The display continues to show battery and storage status indicators.

Sleep warning period

About 15 seconds before it goes to sleep, VISTA warns you that it is about to go into Sleep state:

- Five descending tones sound with vibration (depending on the configured alert notification options)
- **SLEEP** blinks on the LCD Display

You can press the **Display Backlight** button or the **Record Start/Stop** button at any time to keep VISTA from going to sleep.

Exiting Sleep state

VISTA exits Sleep state when you move it or press a button. From Sleep state, the camera is ready to record in about 1 second.

Automatic Off

The Automatic Off feature on the VISTA Wearable Camera allows the camera to turn itself off after a period of time with no activity. You configure the Automatic Off feature in your Evidence Library software.

If the Automatic Off feature is enabled, after a period of time with no movement and/or button presses, VISTA powers off. From a powered off state, VISTA can be ready to record in approximately 11 seconds.

For the Automatic Off feature, in your Evidence Library software you configure:

- Whether VISTA will power off automatically or not
- What makes VISTA power off (lack of movement and/or button presses)
- How much time must elapse with no activity before VISTA powers off

As VISTA powers down, the LCD Display scrolls **SHUTTING DOWN**, the green LED turns off, and three descending tones sound (depending on the configured alert notification options).

Maximum Recorded Event Time

The Maximum Recorded Event Time feature on the VISTA Wearable Camera allows the camera to automatically stop a recorded event when it reaches a specified duration. You configure the Maximum Recorded Event Time feature in your Evidence Library software.

If the Maximum Recorded Event Time feature is enabled, when a recorded event reaches the specified duration, VISTA automatically stops the recorded event.

For the Maximum Recorded Event Time feature, in your Evidence Library software you configure:

- Whether VISTA will have a Maximum Recorded Event Time or not
- How long a recorded event can be before VISTA automatically stops it

Maximum Recorded Event Time warning period

Two minutes before it reaches the specified Maximum Recorded Event Time, VISTA warns you that it is about to stop the recorded event:

- Two tones sound with a vibration (depending on the configured alert notification options)
- **AUTOSTOP** shows on the LCD Display
- For the rest of the two-minute warning period, on the LCD Display, **AUTOSTOP** alternates with the time remaining before the recorded event stops

You can press the **Display Backlight** button to abort the warning period and keep VISTA from stopping the recorded event. In this case, VISTA continues recording for at least another Maximum Recorded Event Time period.

You can also press the **Record Start/Stop** button to manually stop the recorded event and abort the warning period.

Recording Reminder Alert

The Recording Reminder Alert feature on the VISTA Wearable Camera allows the camera to notify you at regular intervals that it is still capturing a recorded event. You configure the Recording Reminder Alert feature in your Evidence Library software.

If the Recording Reminder Alert feature is enabled, VISTA notifies you periodically that it is actively capturing a recorded event:

- Two tones sound with a vibration (depending on the configured alert notification options)
- The current recording duration blinks on the LCD Display with the tones/vibration, then remains on the display

For the Recording Reminder Alert feature, in your Evidence Library software, you configure:

- Whether VISTA will notify you regularly that it is still recording or not
- How often VISTA notifies you that it is still capturing a recorded event

Covert Mode

Covert Mode on the VISTA Wearable Camera means that the camera sounds no tones, lights no LEDs, and only lights the Display Backlight on demand. VISTA can still vibrate in Covert Mode (depending on the configured alert notification options). All VISTA functions operate the same way in Covert Mode as they do in normal mode.

To place VISTA into Covert Mode:

- Press and hold the **Power** button for more than 2 seconds but less than 15 seconds.

VISTA vibrates and the LCD Display shows **READY**, then **COVERT**.

Note: *If VISTA goes to sleep while in Covert Mode, when the camera wakes up, it is still in Covert Mode. For more information on Sleep state, see Sleep Power State on* ***page 60****.*

To exit Covert Mode:

- Press and hold the **Power** button for more than 2 seconds but less than 15 seconds.

VISTA WiFi: Using VISTA WiFi with a Recording Group

In this section...

Overview

When you dock VISTA WiFi in a VISTA WiFi Base, the camera pairs with the WiFi Base. This pairing allows the camera to associate with the local recording group (**page 65**).

The association of devices in a local recording group enables the 4RE DVR and VISTA WiFi systems to collaborate in a group recording: the recording of a single incident by multiple devices (**page 69**).

The decision whether to create an event for the group recording is made by each device in the local recording group network, according to their individual configurations. This is called Distributed Multi-Peer Recording™. Starting a recorded event on one device alerts the other devices in the group that there has been a change in recording status on that device. In response, the other devices in the group start recording an event, each according to its own configuration.

When VISTA WiFi is associated with a recording group, it can participate in group recordings.

Note: *Not all VISTA Wearable Cameras or VISTA bases have the Wi-Fi® feature. If you are not sure whether your equipment has the Wi-Fi feature, contact your WatchGuard Video representative.*

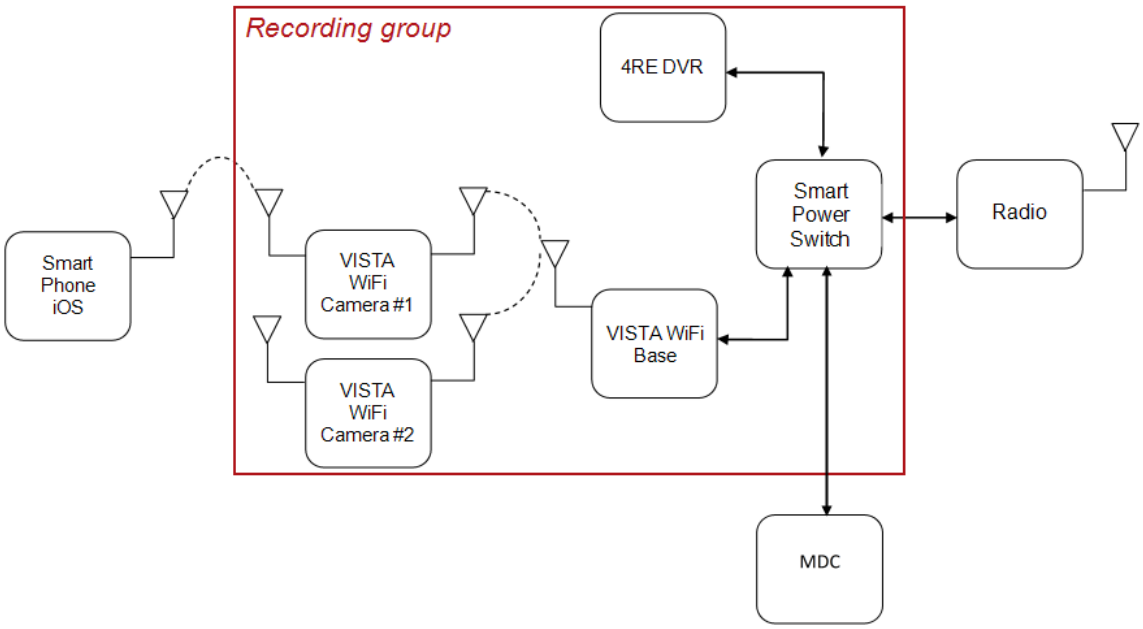
Recording groups

A recording group consists of a network of devices communicating with each other whenever one of them changes its recording status. A recording group is typically linked to a vehicle.

Members of the recording group

A local recording group includes the following members, joined together with either wired or wireless connections:

- Smart Power Switch (**page 66**)
- 4RE DVR (**page 66**)
- VISTA WiFi Base (**page 67**)
- One or more VISTA WiFi cameras (**page 67**)



For information about installing the equipment for the recording group in a vehicle, see the *4RE Vehicle Installation Instructions*.

Smart Power Switch

As part of the local recording group network, the Smart Power Switch:

- Functions as the central connection point

  The Smart Power Switch functions as the central wired connection point for a recording group. Through the switch, the devices connect together to form a network, allowing the 4RE and VISTA WiFi group members to communicate with each other.

- Intelligently manages power

  The switch connects to the power source (for example, the vehicle battery) and intelligently manages that power within the local recording group network. The Smart Power Switch can detect the status of the devices in the network, whether they are powered on or have powered themselves off after finishing event upload or charging. When the switch detects that the devices in the local recording group network no longer need power, it shuts down any remaining devices connected to the local network, including itself.

- Functions as the local network DHCP server

  The Smart Power Switch can also function as the DHCP server for the local recording group network and other devices connected to it (for example, wireless radio).

The Smart Power Switch is REQUIRED to form a recording group. There can only be one Smart Power Switch in a recording group.

4RE DVR

As part of the local recording group network, the 4RE DVR:

- Initiates group recordings

  The 4RE uses the recording group network to inform the other group members when it starts a recorded event. The other group members can then join in the group recording by starting their own recorded events.

  For more information on group recordings, see *Group recordings* on **page 69**.

- Stops group recordings

  The 4RE uses the recording group network to inform the other group members when it stops a recorded event. The other group members then stop their own recorded events.

  Only the 4RE DVR can stop a group recording. The other group members can stop their own individual recorded events; but, only the 4RE can stop all of the members' recorded events that are part of the group recording at the same time.

- Responds to group-recording starts by other group members

  Through the recording group network, the 4RE is informed by other group members when they start recorded events. 4RE can then join the group recording by starting its own recorded event.

- Passes on its event categorization to other members' recorded events in the group recording

  The category you assign on the 4RE to a recorded event that is part of a group recording is passed on to other group members' recorded events that are part of the same group recording. The other group members can choose to categorize their own recorded events, overriding any category passed to them by the 4RE.

The 4RE DVR connects to the recording group network with a wired connection into the Smart Power Switch. It also connects (wired connection) to the power source (vehicle battery).

The 4RE DVR is REQUIRED to form a recording group. There can only be one 4RE DVR in a recording group.

For more information about the 4RE DVR, see the *4RE In-Car Video User Guide*.

VISTA WiFi Base

As part of the local recording group network, the VISTA WiFi Base:

- Pairs with VISTA WiFi

  When you dock VISTA WiFi in the VISTA WiFi Base, the camera pairs with the base. The pairing associates VISTA WiFi with the local recording group.

  For more information about docking VISTA WiFi in a WiFi Base, see *VISTA WiFi: Docking VISTA WiFi in a VISTA WiFi Base* on **page 18**.

- Acts as a Wi-Fi® access point (hotspot) to VISTA WiFi

  The VISTA WiFi Base acts as an 802.11n Wi-Fi hotspot for VISTA WiFi cameras that have paired with it.

- Notifies the recording group that a VISTA WiFi camera has started a recorded event

  The WiFi Base uses the recording group network to notify the other group members when one of its paired VISTA WiFi cameras has started a recorded event.

- Notifies VISTA WiFi that a group recording has started or stopped

  Through the recording group network, the WiFi Base is notified by other group members when they start or stop a group recording. The base then notifies VISTA WiFi, and VISTA WiFi can start or stop its own recorded event with the recording group.

  For more information on group recordings, see *Group recordings* on **page 69**.

The VISTA WiFi Base connects to the recording group network with a wired connection into the Smart Power Switch. It also connects (wired connection) to a windshield antenna that allows it to connect wirelessly with VISTA WiFi.

The VISTA WiFi Base is REQUIRED to form a recording group. There can only be one VISTA WiFi Base in a recording group.

For more information about the VISTA WiFi Base, see *VISTA WiFi: About the VISTA WiFi Base* on **page 52**.

VISTA WiFi

As part of the local recording group network, the VISTA WiFi camera:

- Pairs with the VISTA WiFi Base

  When you dock VISTA WiFi in the VISTA WiFi Base, the camera pairs with the base. The pairing associates VISTA WiFi with the local recording group.

  For more information about docking VISTA WiFi in a WiFi Base, see *VISTA WiFi: Docking VISTA WiFi in a VISTA WiFi Base* on **page 18**.

- Initiates group recordings

  VISTA WiFi notifies the WiFi Base that it has started a recorded event. The WiFi Base then uses the recording group network to notify the other group members that VISTA WiFi has started an event. The other group members can then join in the group recording by starting their own recorded events.

  For more information on group recordings, see *Group recordings* on **page 69**.

- Responds to group-recording starts or stops by other group members

  Through the recording group network, the WiFi Base is notified by other group members when they start or stop a group recording. The base then notifies VISTA WiFi, and VISTA WiFi can start or stop its own recorded event with the recording group.

Tip: *If the 4RE DVR and VISTA WiFi are members of the same recording group, you can use the 4RE to control VISTA WiFi's recorded event starts, stops, and categorizations. In this case, VISTA WiFi functions like another camera connected to the 4RE DVR.*

VISTA WiFi connects to the recording group network with a wireless connection to the VISTA WiFi Base.

Important! *If VISTA WiFi has moved out of range of its associated recording group network, it does not receive notifications of group recording starts and stops until it is back in range. VISTA WiFi does not receive any 4RE event categorization notifications that are sent while it is out of range. For more information, see VISTA WiFi behavior during a group recording on* ***page 69****.*

VISTA WiFi can also provide a wireless access point (hotspot) for the VISTA SmartConnect smartphone application. For information about connecting the VISTA SmartConnect application with VISTA WiFi, see *Appendix A: Using VISTA SmartConnect* on **page 71**.

There can be multiple VISTA WiFi cameras in a recording group.

Other devices in the system

- Radio

  If present in the system, the wireless radio connects to the Smart Power Switch.

  The 4RE DVR and VISTA WiFi (through the VISTA WiFi Base) can use the radio to interact with Evidence Library 4 Web (EL4 Web) through an agency network access point. The connection between the wireless radio and the agency network (EL4 Web) is independent of the local recording group network.

- MDC/laptop

  If present in the system, the MDC (mobile data computer) or other laptop computer connects to the Smart Power Switch.

  The computer only connects into the system through the Smart Power Switch; it is not powered through the switch. If the computer is configured to be a DHCP client, it can also get its network address from the Smart Power Switch.

- VISTA SmartConnect smartphone application

  If present in the system, SmartConnect connects wirelessly to VISTA WiFi. VISTA WiFi acts as an 802.11n Wi-Fi access point (hotspot) for the smartphone.

  For information about connecting the VISTA SmartConnect application to VISTA WiFi, see *Appendix A: Using VISTA SmartConnect* on **page 71**.

Group recordings

When 4RE and VISTA WiFi are associated with each other in a recording group, the devices collaborate to start and stop their recorded events together. This collaboration creates a group recording: multiple devices in the same recording group creating individual recorded events of the same incident. Combined into the group recording, the individual events from different perspectives create a more comprehensive view of the incident.

For more information on recording groups and individual group members, see *Recording groups* on **page 65**.

When you upload a group recording to your Evidence Library software, the individual events are automatically linked together as a group recording. When you play back the events from the group recording, your Evidence Library software can play back one or more of them synchronized in time. For example, you can play back video from the 4RE DVR while hearing the audio from one of the VISTA WiFi cameras in the group.

For information about synchronized playback of group recordings, see your Evidence Library software documentation.

VISTA WiFi behavior during a group recording

Any DVR device (4RE or VISTA WiFi) in the recording group can start a recorded event. The other DVR devices in the group are informed of that change in recording status, so they can join in the group recording.

For more information on the VISTA WiFi camera's role in a recording group, see *VISTA WiFi* on **page 67**.

What happens when:

- You try to manually start a recorded event on VISTA WiFi just after it has automatically started an event as part of a group recording?

  If you have pressed the **Record Start/Stop** button within 10 seconds of the automatic group recording start, VISTA WiFi asks you to confirm that you want to STOP the recorded event with your **Record Start/Stop** button press. If you do not press the **Record Start/Stop** button again within 5 seconds, VISTA WiFi continues recording the event as part of the group recording.

  If you press the button a second time within 5 seconds, VISTA WiFi stops recording the event.

Because VISTA WiFi is connected to the recording group with a Wi-Fi connection (through the WiFi Base), VISTA WiFi can move into and out of the recording group range.

What happens when:

- The VISTA WiFi that INITIATED the group recording moves out of range during the group recording?

  All the devices in the recording group keep recording until the 4RE stops the group recording or each individual member stops its own event. The initiating device moving out of range does not affect the other devices' ability to start, stop, and categorize their own events.

  The VISTA WiFi that went out of range keeps recording the event until it is manually stopped. A device moving out of range does not affect its ability to start, stop, and categorize its own events.

- A VISTA WiFi that is part of a group recording moves out of range during the group recording?

  The VISTA WiFi keeps recording the event until it is manually stopped. A device moving out of range does not affect its ability to start, stop, and categorize its own events.

- The group recording is stopped while a VISTA WiFi that is part of that group recording is out of range?

  The out-of-range VISTA WiFi keeps recording the event until it is manually stopped OR moves back into range of the group network.

  When the VISTA WiFi that is still recording moves back into range, it is informed that its associated group has stopped the group recording. It then stops its own event.

- A VISTA WiFi that is not currently recording an event walks into range of an associated recording group network during a group recording?

  When the VISTA WiFi moves into range, it is informed that its associated group has started a group recording. It then begins its own event to join the group recording.

- A VISTA WiFi that is currently recording an event walks into range of an associated recording group network that is NOT in a group recording?

  When the VISTA WiFi moves into range, it informs its associated group that it is recording an event. The other devices in the group begin their own events to create a group recording.

For more information about...

Docking VISTA WiFi in the VISTA WiFi Base, see *VISTA WiFi: Docking VISTA WiFi in a VISTA WiFi Base* on **page 18**.

Associating VISTA WiFi with a recording group, see *VISTA WiFi: Associating with a recording group* on **page 25**.

Installing VISTA WiFi equipment in the vehicle, see the *4RE Vehicle Installation Instructions*.

Appendix A: Using VISTA SmartConnect

In this section...

Overview

Note: *Only the Wi-Fi® version of VISTA (VISTA WiFi™) can connect to the VISTA SmartConnect™ smartphone application.*

If configured to do so, VISTA WiFi can serve as a Wi-Fi access point (hotspot) for the VISTA SmartConnect smartphone application. You set up the camera-to-smartphone Wi-Fi® connection credentials when you check out your VISTA WiFi camera from your Evidence Library software. For instructions how to connect VISTA SmartConnect to VISTA WiFi, see *Connecting to VISTA SmartConnect* on **page 73**.

The VISTA SmartConnect app, when connected to VISTA WiFi, makes VISTA WiFi functionality available on your smartphone:

- Reviewing recorded events (**page 76**)
- Categorizing recorded events (**page 78**)
- Live streaming the current VISTA view (**page 79**)
- Starting and stopping recorded events (**page 81**)

From a settings screen, you can adjust your camera's LEDs or alert levels, enable Covert Mode, or view data about your VISTA WiFi camera. (**page 82**)

Note: *Currently, WatchGuard Video only supports using VISTA SmartConnect on an iPhone®.*

Activating the VISTA WiFi hotspot

VISTA WiFi can provide a hotspot for connecting to VISTA SmartConnect, if configured to do so in your agency's Evidence Library software. The VISTA WiFi hotspot can only be used to connect the camera with SmartConnect.

You must activate VISTA WiFi's hotspot to connect VISTA WiFi with SmartConnect. To activate the hotspot:

- Press the **Display Backlight** button on the VISTA WiFi camera.

Two ascending tones sound (depending on VISTA WiFi's alert configuration settings).

If you do not connect the SmartConnect app to the VISTA WiFi hotspot within two minutes, the hotspot deactivates. When the hotspot deactivates, two descending tones sound.

Connecting to VISTA SmartConnect

Note: *Only the Wi-Fi® version of VISTA (VISTA WiFi™) can connect to the VISTA SmartConnect™ smartphone application.*

If your agency configures its VISTA WiFi cameras to work with the VISTA SmartConnect smartphone application, you set up the camera-to-smartphone Wi-Fi® connection credentials when you check out your VISTA WiFi camera from your Evidence Library software.

At checkout, your Evidence Library software assigns you an SSID and you select a password. This SSID/password combination is what you enter in the Wi-Fi settings on your smartphone to connect the SmartConnect app with VISTA WiFi. For information on getting your SSID/password combination at VISTA checkout, see your Evidence Library software documentation.

You only have to enter the SSID and password **the first time you connect** VISTA WiFi with the SmartConnect application. (below)

Important! *If you ever change the password associated with your SSID, you must use the steps to connect VISTA WiFi with SmartConnect for the first time.*

After the first time, connecting VISTA WiFi with SmartConnect is simpler. (**page 75**)

Connecting VISTA WiFi to SmartConnect for the first time

Before you start the connection process, have the following items ready to use:

- Your checked-out VISTA WiFi, powered ON
- Your smartphone, powered ON (currently iPhone only)
- The SSID and password that your Evidence Library software assigned to you when you checked out your VISTA WiFi

To connect VISTA WiFi with VISTA SmartConnect for the first time:

1. If you have not already done so, download **VISTA SmartConnect** to your smartphone from your smartphone application store.

   Tip: *For best results, do not open the VISTA SmartConnect app until instructed to do so.*

2. On your smartphone, navigate to your **Wi-Fi Settings**, locate the link that allows you to add a network (**Other** on an iPhone), then touch the link to open the popup where you can add a Wi-Fi® network.

   Note: *The link to add a network may be available from a menu or as the last item in the list of Wi-Fi networks.*

   Important! *For security purposes, the VISTA WiFi hotspot network does not appear on the list of available Wi-Fi networks until you connect to it the first time.*

   a. Enter the **SSID** that your Evidence Library software assigned to you when you checked out your VISTA WiFi camera.
   b. Select **WPA2** as your security level.

      Note: *If you have a choice between **WPA2 Personal** and **WPA2 Enterprise**, select **WPA2 Personal**.*

   c. Enter the **Password** that you selected when you checked out your VISTA WiFi camera, **but DO NOT accept or save the settings yet**.

3. On your VISTA WiFi, press the Display Backlight button to activate the VISTA WiFi hotspot. (**page 72**)

   VISTA WiFi sounds two ascending tones (depending on VISTA WiFi's alert configuration settings).

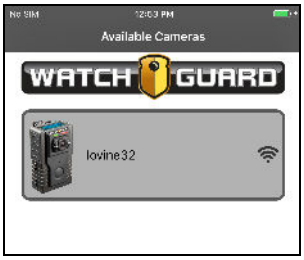
   Tip: *The Display Backlight button is on the right side as you look at the front of the VISTA WiFi camera.*

4. On your smartphone, on the popup where you just entered the **SSID** and **Password**, touch the button to save your settings or join the network.

   It may take a few seconds for your smartphone to connect to VISTA WiFi's hotspot.

5. Once they are connected, on your smartphone, open the VISTA SmartConnect app.

   It may take a few seconds for the app and VISTA WiFi to recognize each other. When they do, the **Available Cameras** screen opens.



6. Touch the item showing your camera.

   The initial pairing screen opens.

7. On your VISTA WiFi, press the Display Backlight button again to pair the app with the camera.

   In SmartConnect, the **Recorded Events** screen opens showing a list of events saved on your VISTA WiFi.

8. Use SmartConnect to work with your VISTA WiFi as needed.

Connecting VISTA WiFi to SmartConnect after the first time

Before you start the connection process, have the following items ready to use:

- Your checked-out VISTA WiFi, powered ON
- Your smartphone, powered ON (currently iPhone only)

To connect VISTA WiFi with VISTA SmartConnect after the first time:

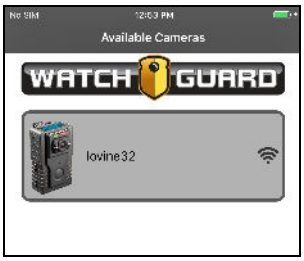
1. On your VISTA WiFi, press the Display Backlight button to activate the VISTA WiFi hotspot. (**page 72**)

   VISTA WiFi sounds two ascending tones (depending on VISTA WiFi's alert configuration settings).

> ***Tip:*** *The Display Backlight button is on the right side as you look at the front of the VISTA WiFi camera.*

2. On your smartphone, open the VISTA SmartConnect app.

It may take a few seconds for the app and VISTA WiFi to recognize each other. When they do, the **Available Cameras** screen opens.



3. Touch the item showing your camera.

   The **Recorded Events** screen opens showing a list of events saved on your VISTA WiFi.

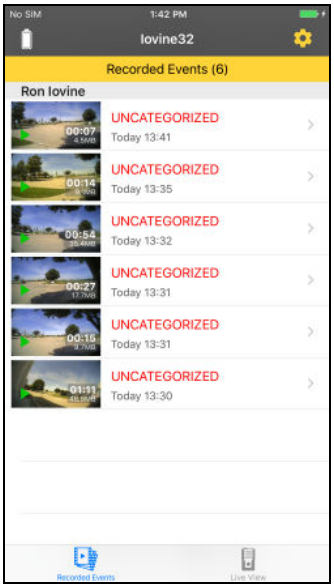
4. Use SmartConnect to work with your VISTA WiFi as needed.

Reviewing VISTA WiFi Recorded Events with SmartConnect

You can use the VISTA SmartConnect smartphone application to review the recorded event video currently on your VISTA WiFi camera:

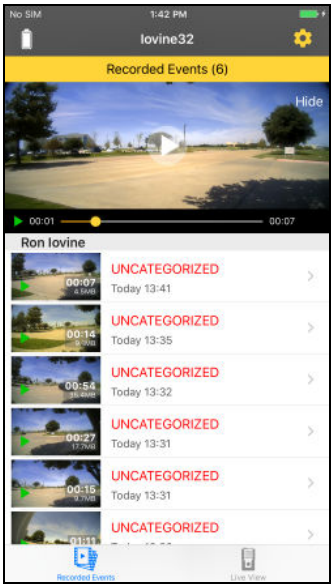
1. Connect your VISTA WiFi to VISTA SmartConnect on your smartphone. (**page 73**)

   The **Recorded Events** screen opens listing the events currently on your VISTA WiFi.



2. Touch the thumbnail for the event whose video you want to review.

   The event you selected starts playing back.



Capturing snapshots

If snapshots are enabled for SmartConnect in your Evidence Library software:

- Touch the camera icon ( ) to save a snapshot of the current frame to your phone's photo gallery.

If enabled, the snapshot camera icon is in the **Recorded Events** review playback bar, next to the playback progress indicator.

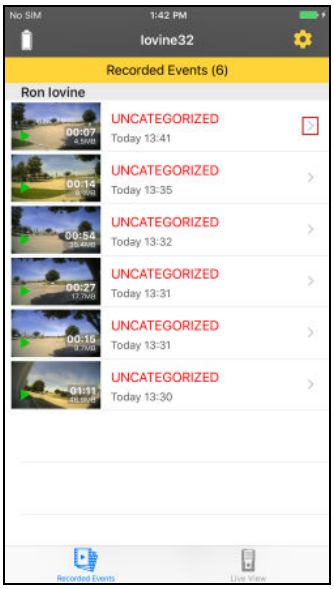
Warning! *Capturing snapshots of video from the VISTA SmartConnect app and saving them to the smartphone's photo gallery potentially makes the phone part of the chain of evidence.*

Categorizing Recorded Events Using SmartConnect

You can use the VISTA SmartConnect smartphone application to categorize a recorded event currently on your VISTA WiFi camera:

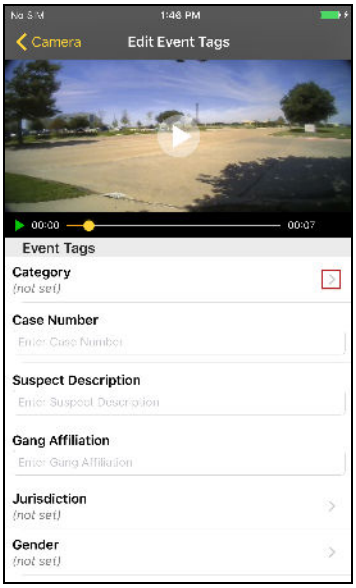
1. Connect your VISTA WiFi to VISTA SmartConnect on your smartphone. (**page 73**)

   The **Recorded Events** screen opens listing the events currently on your VISTA WiFi.



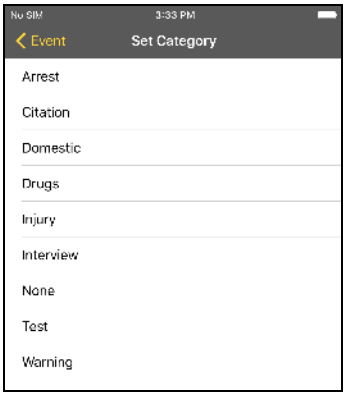
2. Touch the arrow (›) for the event that you want to categorize.

   The **Edit Event Tags** screen opens for the event you selected.



3. Touch the arrow (>) for the **Category** event tag.

   The **Set Category** screen opens.



4. Touch the category you want to apply to the recorded event.

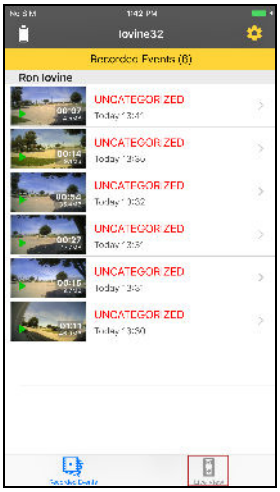
Note: *If there are secondary event tags assigned to your VISTA WiFi configuration, you can answer those event tags as well from the* ***Edit Event Tags*** *screen in the VISTA SmartConnect app.*

Live Streaming VISTA WiFi with SmartConnect

You can use the VISTA SmartConnect smartphone application to live stream the current view from your VISTA WiFi camera:

1. Connect your VISTA WiFi to VISTA SmartConnect on your smartphone. (**page 73**)

   The **Recorded Events** screen opens.

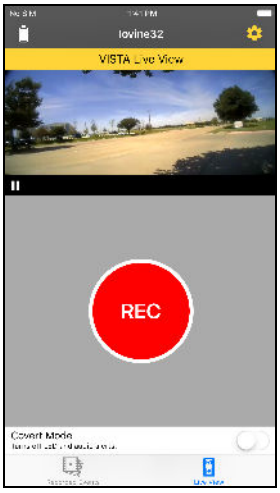


2. On the bottom of the **Recorded Events** screen, touch the **Live View** icon.

   The **VISTA Live View** screen opens showing an inactive player.

3. Touch the play icon to start live streaming from VISTA WiFi.

   When VISTA begins live streaming, three ascending tones sound on the camera.



Other features

Also available from the **VISTA Live View** screen:

- Enable **Covert Mode** on VISTA WiFi

  Near the bottom of the screen, touch or slide the **Covert Mode** switch until its background turns green.

- Capture a snapshot of the current video frame

  If snapshots are enabled for SmartConnect in your Evidence Library software, touch the camera icon () to save a snapshot of the current frame to your phone's photo gallery. If enabled, the snapshot camera icon is in the **Live View** playback bar, opposite the play/pause icon.

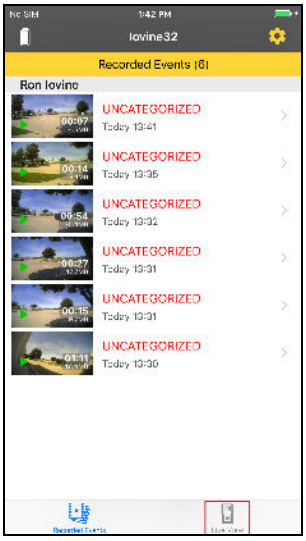
> ***Warning!*** *Capturing snapshots of video from the VISTA SmartConnect app and saving them to the smartphone's photo gallery potentially makes the phone part of the chain of evidence.*

Starting and Stopping Recorded Events Using SmartConnect

You can use the VISTA SmartConnect smartphone application to start or stop a recorded event on your VISTA WiFi camera:

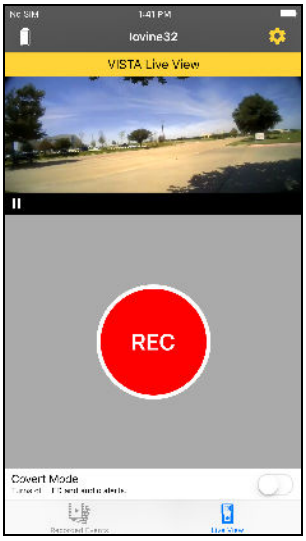
1. Connect your VISTA WiFi to VISTA SmartConnect on your smartphone. (**page 73**)

   The **Recorded Events** screen opens.



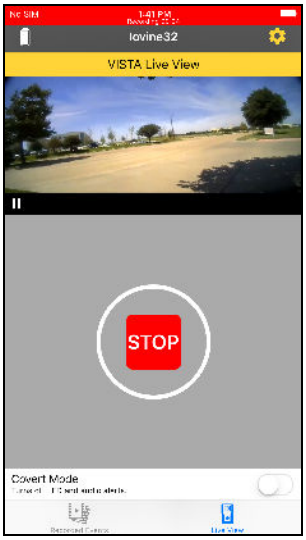
2. On the bottom of the **Recorded Events** screen, touch the **Live View** icon.

   The **VISTA Live View** screen opens.



3. Touch **REC** to start recording an event.

   VISTA WiFi starts recording. SmartConnect shows that VISTA is recording with the red bar at the top of the app.

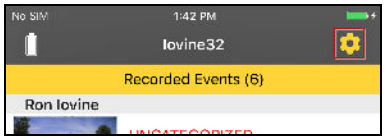


4. Touch **STOP** to stop recording an event.

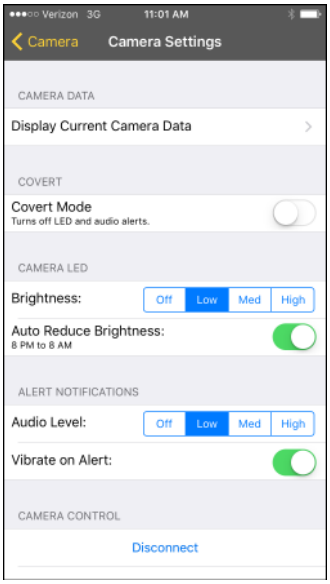
SmartConnect Settings

You can access the SmartConnect **Camera Settings** (below) and **Camera Data** (**page 83**) screens using the **Settings** icon ( ) near the top of the **Recorded Event** or **Live View** screens. To access the SmartConnect settings:

- Touch the **Settings** icon.



Camera Settings

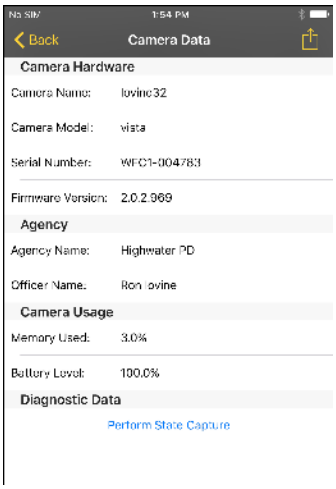


The **Camera Settings** screen allows you to:

- Access the **Camera Data** screen (below)
- Enable (or disable) **Covert Mode** for your VISTA WiFi
- Change the **Camera LED** brightness
- Change the **Alert Notification** level
- Enable (or disable) vibration for **Alert Notifications**
- **Disconnect** your VISTA WiFi from the SmartConnect app

Camera Data

The **Camera Data** screen provides the following information about your VISTA WiFi:



- **Camera Name**: Unique device ID assigned to the connected VISTA WiFi the first time it was checked out from your agency's Evidence Library software
- **Camera Model**: Type of camera connected to SmartConnect
- **Serial Number**: Factory-assigned serial number of the connected VISTA WiFi
- **Firmware Version**: Current version of firmware loaded on the connected VISTA WiFi
- **Agency Name**: Name of the agency that owns the connected VISTA WiFi
- **Officer Name**: Name of the officer who checked out the connected VISTA WiFi
- **Memory** usage: Percentage of filled storage for the connected VISTA WiFi
- **Battery** usage: Percentage of remaining battery charge for the connected VISTA WiFi

You can also request that your VISTA WiFi perform a state capture and save it for use by WatchGuard Video Technical Services, as needed.

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Appendix B: VISTA Transfer Station Setup

In this section...

Overview

The VISTA Transfer Station allows your agency to upload video evidence to its WatchGuard Video Evidence Library software from multiple VISTA cameras simultaneously. Each VISTA Transfer Station has eight slots for VISTA cameras. You can connect multiple Transfer Stations to one instance of Evidence Library software, but you must set up and configure each Transfer Station separately.

Important! *To use the VISTA Transfer Station to upload video to your system, your VISTA cameras must be at version 1.1 or above, and your Evidence Library software must be Evidence Library 4 Web.*

When you set up the VISTA Transfer Station, you connect it to power and to the network containing your agency's instance of Evidence Library software. To set up the VISTA Transfer Station:

1. Set up the Transfer Station hardware. (**page 87**)
2. Configure the Transfer Station so the VISTA cameras docked in it will upload to your Evidence Library software. (**page 89**)

Important! *To set up the VISTA Transfer Station, WatchGuard Video recommends that you be an IT administrator or have your IT administrator on-call. Although this setup guide can be used by anyone, it assumes an understanding of some IT concepts that could make following the process difficult for a non-IT administrator.*

VISTA Transfer Station Hardware

When you set up the VISTA Transfer Station hardware, you connect the power cable and the Ethernet cable to the Transfer Station. You can add labels to the Transfer Station slots as well, if desired.

Note: *WatchGuard Video offers rack options for mounting multiple Transfer Stations in the same location. For more information, contact your WatchGuard Video representative.*

Included with the VISTA Transfer Station:

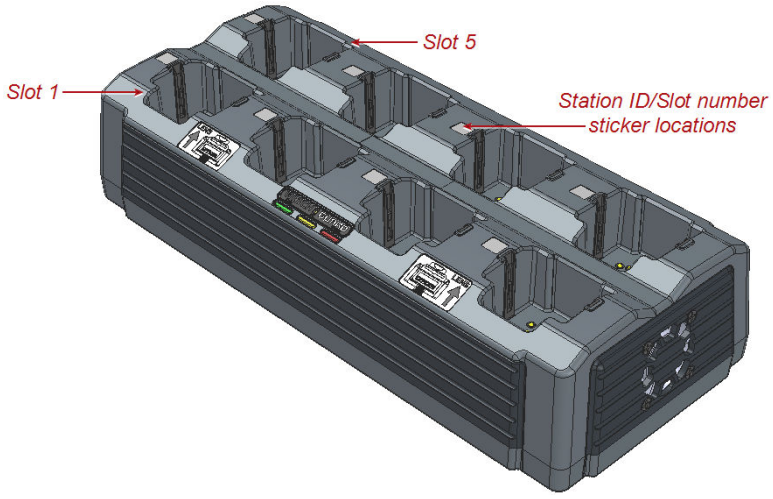
- Power cable
- Ethernet cable
- Sheet of **Station ID**/**Slot #** labels

Setting up the hardware

To set up the VISTA Transfer Station hardware:

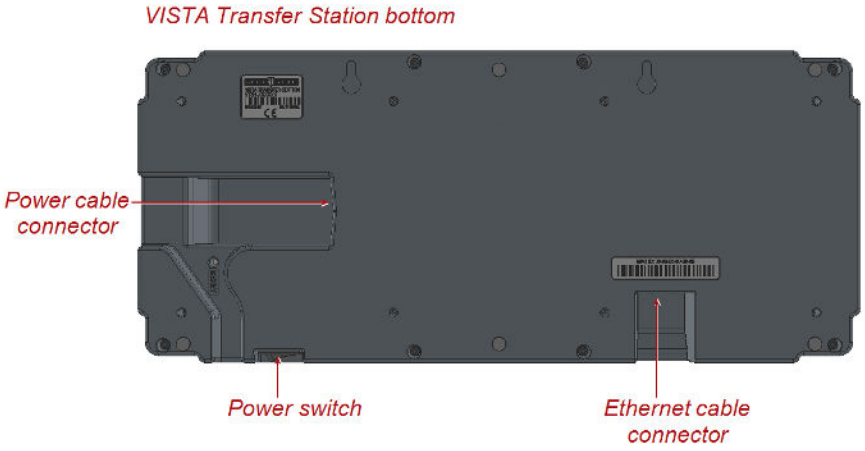
1. If desired, use the provided **Station ID**/**Slot #** stickers to label the Transfer Station slots.

Tip: *The provided labels assume an alphabetic **Station ID**, for example, **B**, then slot numbers 1 through 8; so, in this example, for the Transfer Station with the **Station ID** of **B**, you use the labels **B1**, **B2**, **B3**, **B4**, **B5**, **B6**, **B7**, and **B8**.*

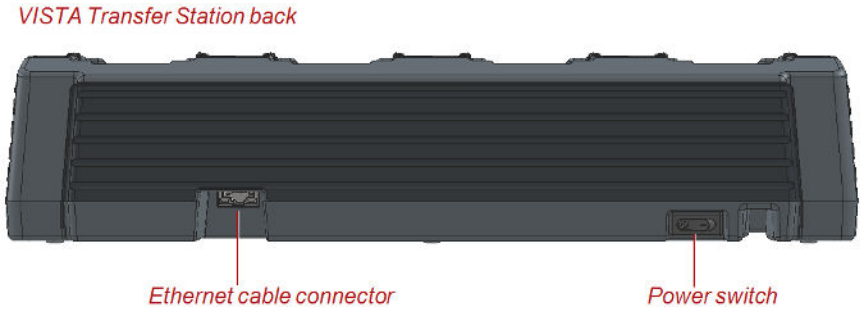


Important! *You must enter the* ***Station ID*** *that you selected when you configure the Transfer Station for use with Evidence Library software (see* ***page 93****). The* ***Station ID*** *combined with the* ***Location*** *(also entered during Transfer Station configuration) indicate a specific Transfer Station to Evidence Library.*

2. Connect the power cable to the power connector on the bottom of the Transfer Station, plug the power cable into an electrical outlet, then power the Transfer Station ON.



3. Connect the Ethernet cable to the Ethernet connector on the back of the Transfer Station.



4. Connect the other end of the Ethernet cable to a computer that you have set up to access the Transfer Station's factory default configuration web page.

Tip: *You access the default configuration web page using the Transfer Station factory default IP address: 192.168.2.20. The computer you use must have access to this network.*

To continue setting up the VISTA Transfer Station, follow the instructions on **page 93** to configure the Transfer Station to work with your Evidence Library software.

VISTA Transfer Station Configuration

You configure each VISTA Transfer Station individually using a web page specific to that Transfer Station. When you configure the VISTA Transfer Station, you configure:

- **Transfer Station Settings** (below)
- **VISTA Settings** (**page 90**)

The configuration web page also allows you to perform some non-configuration administrative functions for the Transfer Station (**page 91**).

You access the VISTA Transfer Station's configuration web page using your web browser.

For step-by-step instructions how to configure a VISTA Transfer Station, see *Configuring the Transfer Station* on **page 93**.

Transfer Station Settings

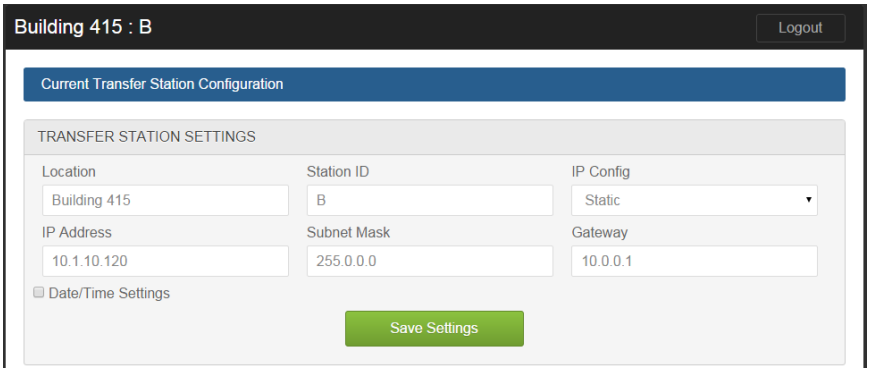
When you configure the **Transfer Station Settings**, you assign the Transfer Station a **Location** name and **Station ID**. You either assign it a **Static IP Address** or let your **DHCP** server assign its IP address. You can set a date and time for the Transfer Station as well, if desired.

Note: *WatchGuard Video recommends that you set up a pool of static IP addresses that you assign to your VISTA Transfer Stations.*

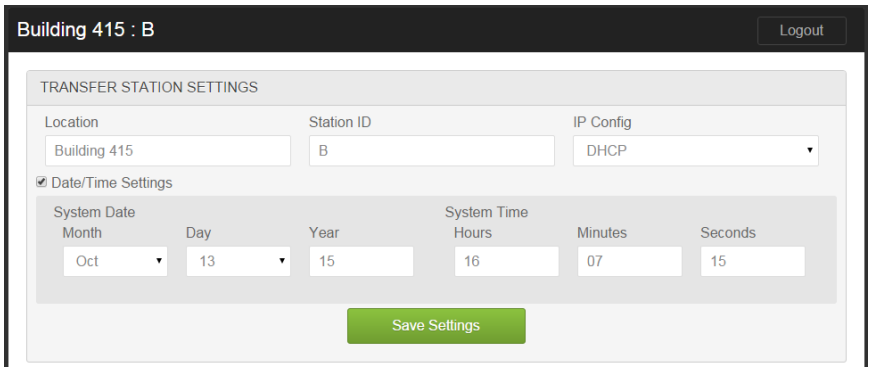
The **Location** and **Station ID** (along with the **Slot #** from the **VISTA Settings** section) are used by the Evidence Library software to indicate to an officer which VISTA camera he is checking out.

Note: *The **Location** and **Station ID** fields each have a 32-character limit.*

Static IP



DHCP and Date/Time Settings



VISTA Settings

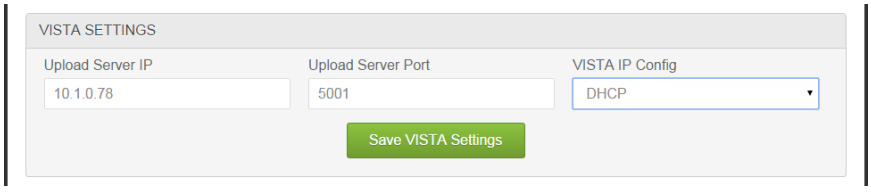
When you configure the **VISTA Settings**, you set the **Upload Server IP** address and **Port**, indicating the Evidence Library server where your VISTA cameras should upload video evidence.

Tip: *The upload server for Evidence Library can also be called the Wireless Import Service.*

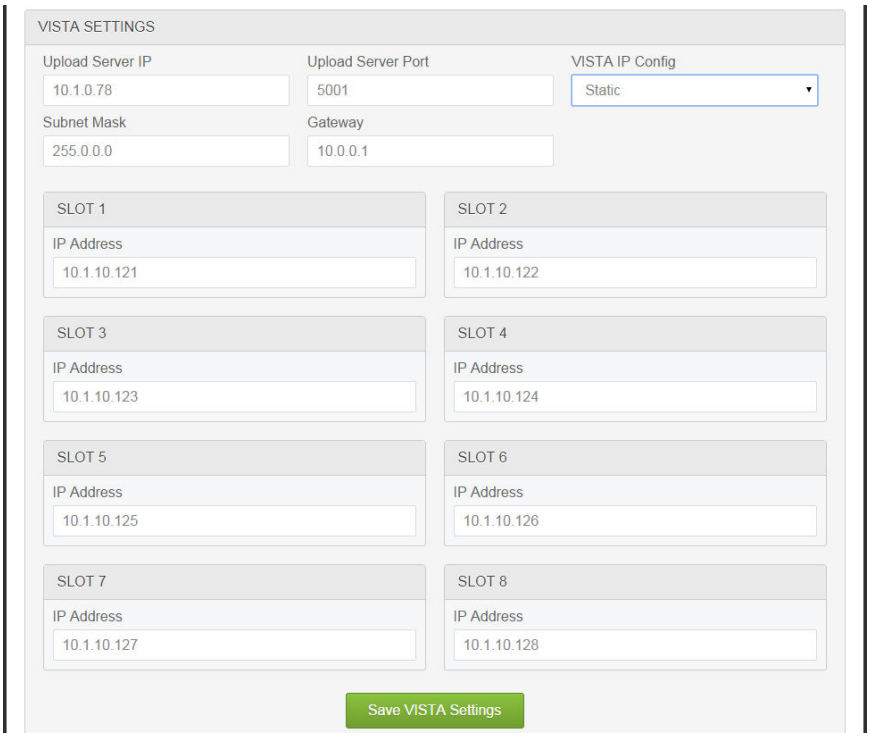
You either let your **DHCP** server assign IP addresses to the VISTA camera slots or you assign a **Static IP Address** to each slot individually.

Note: *WatchGuard Video recommends that you let your DHCP server assign the slot IP addresses.*

DHCP



Static IP



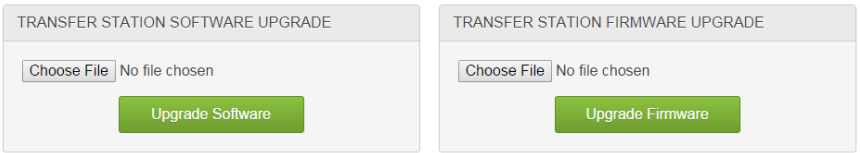
Transfer Station administrative functions

You can perform a number of administrative tasks for the Transfer Station from the configuration page, including:

- Upgrading the Transfer Station software or firmware (below)
- Changing the login credentials for the Transfer Station configuration page (**page 92**)
- Disabling the configuration page (**page 92**)
- Restarting the Transfer Station (**page 93**)

Upgrading the Transfer Station software or firmware

- Click the **Choose File** button for the upgrade you want to perform, navigate to and select the appropriate software (.hex file) or firmware (.bit file) upgrade file, then click the appropriate **Upgrade** button.

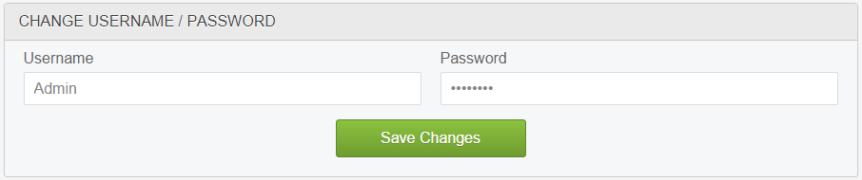


Important! *After you have upgraded the Transfer Station, you must power the Transfer Station off and then on again for VISTA to recognize the upgrade.*

Changing the login credentials for the Transfer Station configuration page

The first time you log in to the Transfer Station configuration page, use the default user name, **Admin**, and password, **V1$T@xfr**.

Note: *WatchGuard Video recommends that you change the user name and password from the default values the first time you log in to the Transfer Station configuration page.*



To change the **Username** and **Password**:

- Enter the new credentials in the fields, then click **Save Changes**.

The system logs you out of the Transfer Station configuration page and asks you to log back in using the new credentials.

Disabling the configuration page

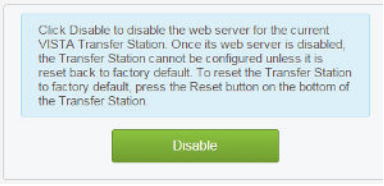
The **Disable** feature can function as another level of security. Disabling the configuration page (web server) after you have finished configuring the Transfer Station prevents others from accessing the configuration page to make unauthorized changes.

When you disable the configuration page, however, you also prevent authorized administrators from making changes as needed.

Warning! *Disabling the configuration page prevents anyone, including authorized administrators, from making changes to the VISTA Transfer Station configuration.*

To disable the current VISTA Transfer Station's configuration page (web server):

- Click **Disable**.



Once you disable the configuration page for the current Transfer Station, you cannot change any configuration settings or configure the current Transfer Station at all UNLESS you reset the Transfer Station to factory default. If you reset a Transfer Station back to factory default, all current settings are lost and you must start the configuration process again from the beginning.

Warning! *Resetting a VISTA Transfer Station to factory default reverts any values you set on the Transfer Station's configuration page back to the default values.*

To reset the VISTA Transfer Station back to factory default:

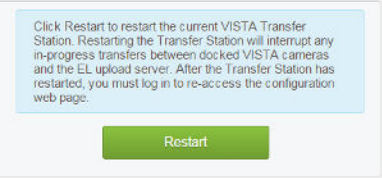
- Using a pin or a paper clip, press and hold (for at least 7 seconds) the **Reset** button on the bottom of the Transfer Station.

Note: *The **Reset** button is located near the power cable connector on the bottom of the Transfer Station.*

Restarting the Transfer Station

The **Restart** feature functions as a soft restart of the Transfer Station. To perform a soft restart of the VISTA Transfer Station:

- Click **Restart**.

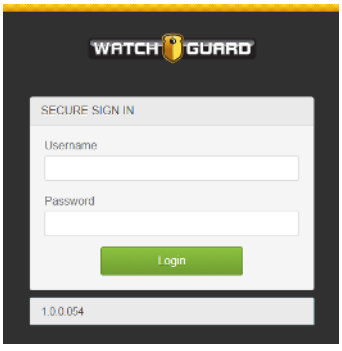


Configuring the Transfer Station

To configure a VISTA Transfer Station:

1. Set up a computer to access a VISTA Transfer Station's factory default configuration web page at its default IP address, 192.168.2.20.
2. If not already done, connect the Ethernet cable from the Transfer Station to the computer.
3. Open your web browser, enter the Transfer Station default IP address in the browser address field, and press **Enter**.

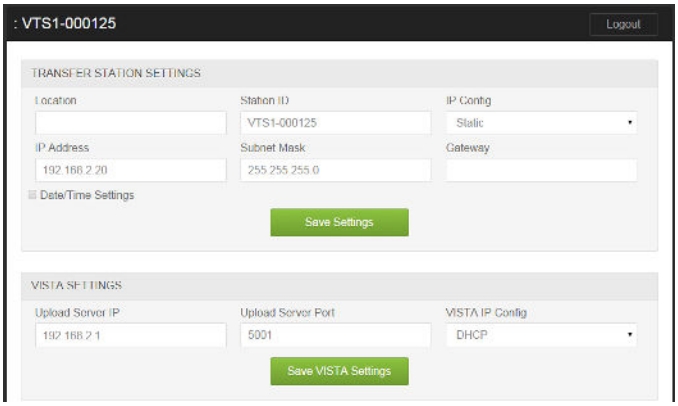
   The **Secure Sign In** screen opens for the connected Transfer Station.



4. Enter the default **Username** and **Password** (**Admin**, **V1$T@xfr**), then click **Login**.

> ***Note:*** *WatchGuard Video recommends that you change the default* ***Username*** *and* ***Password*** *the first time you log in. For more information, see Transfer Station administrative functions on* **page 91**.

The **Transfer Station Configuration** page opens showing the default settings.



5. In the **Transfer Station Settings** section, enter the **Location** (32-character limit) where the current Transfer Station will be used, for example, **Building 415**.

   For more information about the **Transfer Station Settings** section, see *Transfer Station Settings* on **page 89**.

6. Enter the **Station ID** (32-character limit) that identifies the current Transfer Station, for example, **B**.

> ***Note:*** *WatchGuard Video provides labels that assume an alphabetic* ***Station ID****, for example,* ***B****, combined with slot numbers 1 through 8.*

7. Select the **IP Config** type you want to assign to the Transfer Station, either **Static** or **DHCP**.

> ***Note:*** *WatchGuard Video recommends the* ***Static IP Config*** *type for the Transfer Station.*

8. If you selected the **Static IP Config** type, enter the static **IP Address**, the **Subnet Mask**, and the **Gateway** that you want to assign to the current Transfer Station.

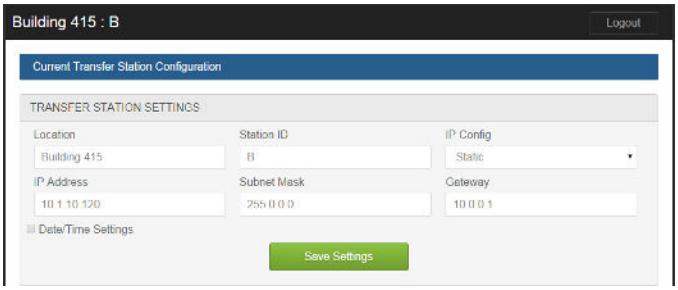
   If you selected the **DHCP IP Config** type, go to the next step.

9. If desired, click **Date/Time Settings** and set the date and time local to the Transfer Station.
10. Click **Save Settings**.

    The system logs you out. The default configuration web page is no longer valid for the connected Transfer Station because the Transfer Station IP address has changed.

11. Enter the new IP address for the connected Transfer Station in your browser address field, then press **Enter**.

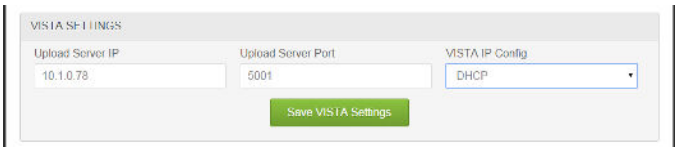
The configuration page opens showing the information you just entered.



12. In the **VISTA Settings** section, enter the **Upload Server IP** address.

    For more information about the **VISTA Settings** section, see *VISTA Settings* on **page 90**.

> ***Note:*** *The upload server is the Evidence Library location where the VISTA cameras will upload their video evidence. The upload server for Evidence Library can also be called the Wireless Import Service.*



13. Verify that the **Upload Server Port** is set to **5001**.

> ***Warning!*** *Changing the* ***Upload Server Port*** *to something other than* ***5001*** *can cause the VISTA Transfer Station to stop working. If you have questions about the assigned port, contact WatchGuard Video Technical Services.*

14. Select the **VISTA IP Config** type you want to assign to the VISTA slots, either **Static** or **DHCP**.

> ***Note:*** *WatchGuard Video recommends that you let your DHCP server assign the slot IP addresses.*

15. If you selected the **DHCP VISTA IP Config** type, go to the next step.

    If you selected the **Static VISTA IP Config** type, enter the VISTA slot **Subnet Mask** and **Gateway**, then an individual static **IP Address** for each of the eight slots.

16. Click **Save VISTA Settings**.

    When the Transfer Station has made a successful connection with the upload server, the amber (center) LED lights up.

Repeat this procedure to set up each VISTA Transfer Station you want to use in your WatchGuard Video system.

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