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CHAPTER 1

Introduction

The MobileView Body Worn Camera is a full featured body worn camera specifically designed for Law Enforcement. The camera features real time HD video, 1080P recording, and a high resolution still image capture viewable on the 2” LCD screen for instant playback. The rugged design is resilient to withstand demanding work environments faced by law enforcement officers, corrections, military and security detail.

Package Contents

- Body Worn Camera
- USB cable
- USB power adapter
- Single dock
- Car charger
- Manual
- Universal metal clip
- Epaulette clip
- Gator clip
CHAPTER 2

Body Worn Camera Design

Body Worn Camera Front

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Camera Lens</td>
<td>High Definition Camera</td>
</tr>
<tr>
<td>2</td>
<td>Power Button</td>
<td>Hold down for 3 seconds to turn camera ON/OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Press to exit from menu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Press to exit from Playback</td>
</tr>
</tbody>
</table>
White Light and Laser Pointer Button

Press once to turn on White LED Light
Press twice to turn off White LED light and turn on Laser Pointer
Press three times to turn Off Laser Pointer

Records clear image in HD in low light situations. Enables clear face view with up to 30 feet away.

Detects changes in light and automatically turns on IR for night recording.

Pinpointing an object from a distance. Press Light button two times to turn Laser Pointer on and one more to turn it off

Two-way audio capability with built-in microphone and speaker. The MobileView Body Worn Camera can integrate with PTT 2 way wireless audio devices.

Charging status indicator LED.

Green LED light indicates camera is powered up and in standby mode, not recording.

Red LED light indicates cameras is recording.

Orange LED Light indicates Audio Recording Only
Body Worn Camera Back

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LCD Screen</td>
<td>2 inch TFT-LCD color display screen</td>
</tr>
<tr>
<td>2</td>
<td>Play Button</td>
<td>Press to Scroll up in Menu mode. Play back last recorded segment by pressing this button when camera is not recording. In play mode, hold to zoom-out from image.</td>
</tr>
<tr>
<td>3</td>
<td>Select Button</td>
<td>Press to make a selection in Menu mode. Press to pause/resume video or audio playback in Play mode</td>
</tr>
<tr>
<td>4</td>
<td>Menu Button</td>
<td>Press to enter into Menu mode. Press to scroll down in Menu mode. In Play mode, hold to zoom-In the playing image.</td>
</tr>
</tbody>
</table>
## Body Worn Camera Side

![Body Worn Camera Side](image)

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TAG/ PTT Button</td>
<td>Press to communicate via connected walkie-talkie</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Press to identify important recording when walkie-talkie is not connected</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(if equipped)</td>
</tr>
<tr>
<td>2</td>
<td>Audio Button</td>
<td>Press to record audio when not in Recording mode</td>
</tr>
<tr>
<td></td>
<td></td>
<td>While in Video Record Mode, PRESS Audio button to turn Mute ON or OFF.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Note) The camera will beep if Mute is enabled to remind User.</td>
</tr>
<tr>
<td>3</td>
<td>Snapshot Button</td>
<td>Press to take a single high-resolution snapshot image</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In playback mode, press to turn OSD on/ off</td>
</tr>
</tbody>
</table>
### Body Worn Camera Side

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Record Button</td>
<td>PRESS to turn recording ON/OFF while Camera is Powered On. This function will give user with up to 30 seconds of pre-recorded video. If Camera is Powered Off, HOLD for 3 seconds to immediately start recording. Note: Pre-recorded video is not available for first recorded video after Power On using this function.</td>
</tr>
<tr>
<td>5</td>
<td>AV Input Port</td>
<td>Connect external mini covert camera to Body Worn Camera using AV inputs.</td>
</tr>
<tr>
<td>6</td>
<td>HDMI Port</td>
<td>Connects to 1.3 HDMI cable for video playback only</td>
</tr>
<tr>
<td>7</td>
<td>USB Port</td>
<td>Connects to USB cable for charging or connection to PC</td>
</tr>
</tbody>
</table>
CHAPTER 3

Camera LCD Screen

The Body Worn Camera LCD screen is a small monitor on the camera where various camera information is displayed. Once a menu is selected, use the Play or Menu buttons to navigate. Use the Select button to make a selection. Press the Power button to exit menu.

<table>
<thead>
<tr>
<th>Item</th>
<th>Display Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Camera and Officer ID</td>
<td>Assigned camera and officer IDs.</td>
</tr>
<tr>
<td>2</td>
<td>Video Recording Time</td>
<td>Recorded time of current clip</td>
</tr>
<tr>
<td>3</td>
<td>Snapshot Resolution</td>
<td>Current snapshot mega-pixel resolution</td>
</tr>
</tbody>
</table>
1. Press the Record button found on the side of the camera to be sure the camera is not recording.
2. Press the Menu button on the back of the camera to open the Main menu.
3. The Body Worn Camera prompts for password. Use the Play button or the Menu button to highlight a character and press the Select button.
4. Once all six (6) characters are selected, the Body Worn Camera opens the Main menu.

**Note:** The default password for the Body Worn Camera is 000000. After logging in, change the default password to a secure password of your choice.
Recording Resolution Menu

The Body Worn Camera offers five different recording resolutions. Resolution and Frame Rate options feature a proper balance between maximizing video quality and maximizing amount of video stored.

140 degree Angle View

<table>
<thead>
<tr>
<th>Display Resolution</th>
<th>Images per second</th>
<th>Aspect Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920 x 1080</td>
<td>30</td>
<td>16:9</td>
</tr>
<tr>
<td>1140 x 1080</td>
<td>30</td>
<td>16:9</td>
</tr>
<tr>
<td>1280 x 720</td>
<td>60</td>
<td>16:9</td>
</tr>
<tr>
<td>1280 x 720</td>
<td>30</td>
<td>16:9</td>
</tr>
<tr>
<td>848 x 480</td>
<td>60</td>
<td>16:9</td>
</tr>
</tbody>
</table>
140 degree Angle View (Continued)

<table>
<thead>
<tr>
<th>Display Resolution</th>
<th>Images per second</th>
<th>Aspect Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>848 x 480</td>
<td>30</td>
<td>16:9</td>
</tr>
<tr>
<td>720 x 480</td>
<td>30</td>
<td>4:3</td>
</tr>
</tbody>
</table>

Snapshot Resolution Menu

The Snapshot resolution menu provides options for still image resolution.

The following resolutions displayed in mega-pixels are available for snapshot:

- 5MP
- 8MP
- 10MP
- 12MP
- 16MP
- 21MP
- 32MP

Burst Menu

When the Snapshot button is pressed, the Body Worn Camera shoots the selected number of snapshots.

Note: Bursts are only active when Body Worn Camera is not in Record mode. If the Camera is in recording mode, bursts are not activated and only a single snapshot is taken.

Snapshot burst options are:

- OFF
- 2 Snapshots,
- 3 Snapshots
- 5 Snapshots
- 1 extra 5 Snapshots
- 10 Snapshots
- 15 Snapshots
- 20 Snapshots

Self Timer Menu

The Self Timer delays up to 10 seconds before taking still images when the Snapshot button is pressed.

Note: The Self Timer function is only active when the camera is not in record mode.

Self timer menu options:

- OFF
- 5 seconds
Main Menu

- 10 seconds

Continuous Shooting Menu
Continuous shooting takes a snapshot at a set interval.
Continuous shooting options:
- OFF
- 5 seconds
- 10 seconds

Note: Continuous shooting function is only active when the camera is not in record mode.

Quality
Select video quality based on the need of quality video recording. Set to Super Fine for best quality, Fine for better quality, or for more recording time on the internal storage, click Normal video.

Pre-record
Pre-record saves an additional 30 seconds of video from before the Record button is pressed. Pre-record works when the camera is in idle mode. Turn Pre-record On or Off.

Post Record
Select Post Record to choose how long the camera should continue to record after the Record button is pressed to Stop Recording.
Post record options:
- OFF
- 5 seconds
- 1 minute
- 10 minutes

Split Time
Split time selection defines the length of each video segment. Split time does not apply to audio only recording.
Split time options:
- 5 minutes
- 10 minutes
- 15 minutes
- 30 minutes
- 45 minutes
Slide Show
Use the Slide Show menu to choose how snapshots are viewed. If OFF, only a single selected snapshot is displayed; if ON, snapshots cycle, starting with the selected snapshot.

Infrared
Use the Infrared menu on the camera to automatically enable the Infrared LED lights, based on lighting conditions, if set to Auto. Infrared lights can be turned off.

Record Warning
If Record Warning is ON, Body Worn Camera announces when the camera starts and stops recording.

Vibration Reminder
If enabled, the camera will vibrate every 1 minute, 3 minutes, 5 minutes, 10 minutes while it's in video recording mode to remind user that the camera is in use.

GPS
If ON, Body Worn Camera stamps GPS coordinates on recorded video.

Screen Saver
To preserve battery, the mini LCD screen automatically turns off after a pre-configured time of inactivity, while recording or in standby mode.

Screen saver menu options:
- 30 seconds
- 1 minute
- 3 minutes
- 5 minutes
- Off

LCD Brightness
Adjust the Body Worn Camera LCD brightness to fit lighting situation for better image and video view.

LCD brightness menu options:
- Low
- High

Auto Power Off
Select how long to delay before Body Worn Camera automatically turns off.

Auto power off menu options:
- OFF
- 30 seconds
Main Menu

- 1 minute
- 3 minutes
- 5 minutes

**LED Light**
Select to turn status LEDs ON or OFF. These lights are located on the top of the camera.

**Key Tone**
Select to turn key tone ON or OFF.

**Volume**
Select volume level option to increase or decrease Playback volume.

**ID Setting**
Use ID Setting menu to assign a unique ID for Body Worn Camera, and for the person to whom the camera is assigned. Both IDs are watermarked to prevent tampering.

**Date and Time Settings**
Use Date and Time setting to manually enter date and time on Body Worn Camera. The Body Worn Camera with GPS option automatically synchronizes the time on Body Worn Camera. Date format used in Body Worn Camera is DD/MM/YYYY.

**Default Setting**
Use Default Setting menu to reset Body Worn Camera to factory settings. Selecting **Yes** results in defaulting of the camera. Selecting **No** results in canceling default function.
CHAPTER 4  

Body Worn Camera Use

Refer to Chapter 2: Body Worn Camera Design for more detailed information on where buttons and options are found on the Body Worn Camera. The Body Worn Camera needs to be fully charged prior to first time use for at least 4 hours. Charge the Body Worn Camera using a power outlet by connecting a USB cable and USB power adapter to a docking bay. For more information about the docking bay refer to Chapter 5: Camera Accessories.

Recording on Power On

The Body Worn Camera starts recording when it is powered on. Recording initiates automatically followed by audio prompt, visual LED, LCD indicators, and vibration.

1. Hold the Power button for 3 seconds to power up the Body Worn Camera. This function does not include prerecorded video from first initiated recording upon power up.
2. Recording begins automatically.
3. To stop recording press the Record button found on the side of Body Worn Camera.

Start Recording Manually while Device is On

Start recording by pressing the Record button while the device is powered on. The device does not record in Menu or Playback mode. Recording initiates with audio prompt, visual LED, LCD indicators, and vibration.

Note: The Body Worn Camera does not start recording in Menu or Playback mode.

Stop Recording

Stop recording at any time by manually pressing the Record button. Stopping of recording is announced by the Body Worn Camera audio, visual, and vibration prompts.
Mute Video Recording

Use to Mute video recording.
1. While recording video, press Audio button to turn Mute ON.
2. Press Audio button again to turn Mute OFF and resume recording both video and audio.

Note: If muted, the camera will beep every 10 seconds as a reminder that video recording is muted.

Take Snapshots

Take Snapshots by pressing Snapshot button.

Note: Bursts (multiple images taken at each press of Snapshot button) only apply when the Body Worn Camera is not in Record Mode.

When the Body Worn Camera is recording, only a single snapshot is taken.

Record Audio Only

With this option, audio is only be recorded.

The Body Worn Camera needs to stop recording to record Audio only.
1. Stop Recording by pressing the Record button.
2. Press the Audio button once.
3. Press the Audio button once again to stop Audio only recording.

Navigate Menu

1. Stop recording to enter the main menu of Body Worn Camera. Press the Record button on the side of the camera.
2. When recording has stopped, press the Menu button on the back of the camera to open the menu.
3. A password field appears. Enter the password for the Body Worn Camera using the Play and Menu buttons to scroll through characters, followed by the Select button to enter a character.
4. Enter the correct Password.
5. Make changes in Body Worn Camera menu. Use the Play button and the Menu button to scroll through menu options.
6. Press the Select button. The selection is saved and the menu is exited.
7. If no changes are desired, exit from the menu by pressing the Power button.
8. Press the Power button again to exit from the main menu.
9. To start recording manually, press the Record button.
Playback Video

Playback video directly from the Body Worn Camera. Stop Recording first by pressing the Record button. The Body Worn Camera announces by audio, visual, and vibration prompt when the camera stops recording.

1. On the back of the device, press the Play button to access Playback menu.
2. Make a selection between Quick Playback and Video/Photo/Audio playback options by using Play or Menu buttons. Press the Select button to make a selection.
3. Once video is playing, use the Play button to rewind or the Menu button to fast forward. Camera options to fast forward or rewind are 2X, 4X, 8X, 16X, 32X, 64X, and 128X times.
4. To pause playback, press the Select button on device.
5. To resume playback, press the Select button on device.
6. To exit playback, press the Power button,
7. Press the Record button to start recording again.

Note: Quick Playback will playback last recorded segment whether it is video, audio, or a snapshot.

Playback by Segment

Select which recorded file to review on the Body Worn Camera. Stop recording first by pressing the Record button.

1. On the back of the device, press the Play button to access Playback menu.
2. Select Video/Photo/Audio Playback and make a selection using the Play or Menu buttons. Press Select button to make selection
3. If Video, Photo, or Audio Playback is chosen, use the Play button and Menu buttons to move through segments, press the Select button to choose. The Body Worn Camera starts playback of selected video segment.
4. Pressing the Power button exits Playback menu. Choose to playback a different segment from this menu. To exit the menu completely from Segment Playback menu, press the Power button.
5. To start recording again, press the Record button.

Turn On White Light

Enable the White Light equipped on the Body Worn Camera in Standby or Record modes.

1. To turn White Light on, press the Light button once.
2. To turn White Light off, press the Light button twice.

Note: Once recording has stopped, it needs to be restarted manually by the user by pressing the Record button.
Turn On Laser Pointer

Enable the laser pointer equipped on the Body Worn Camera in Standby or Record modes. The laser may not show up in playback video.

1. To turn the Laser Pointer on, press the Light button twice.
2. To turn Laser Pointer off, press the Light button once.
CHAPTER 5

Camera Accessories

Accessories
The Body Worn Camera has various accessories including the Individual Docking Bay.

Docking Bay
• Multipurpose docking bay for the Body Worn Camera
• Charge Body Worn Camera using USB cable or car charger
• Upload video directly to PC (proprietary driver is required)

Epaulette Clip
• Gives flexibility to wear Body Worn Camera off the shoulder strap.

Gator Clip
Two adjustable gator clips with a 360 degree rotation keep the Body Worn Camera secured on various types of uniforms.
• Long Gator clip
• Short Gator clip

Universal USB Cable
Connects the Docking Bay to a PC to download video or to power outlet using USB Power Adapter

USB Power Adapter
Use along with a universal USB Cable, connecting the Docking Bay directly to power outlet to charge the Body Worn Camera
**Car Charger**

- Connect directly to the Docking Bay with the Body Worn Camera connected to charge the camera on board or continue recording from vehicle.

**Individual Body Worn Camera Dock**

The Body Worn Camera multipurpose Individual Docking Bay is used to upload video onto PC or mounted on a vehicle dashboard for easy charge and continued video recording. Use a wall power outlet to charge the Body Worn Camera. A typical Individual Dock setup may be similar to the following:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power Outlet</td>
</tr>
<tr>
<td>2</td>
<td>Car Charger</td>
</tr>
<tr>
<td>3</td>
<td>PC using USB cable connection from PC to Docking Bay</td>
</tr>
</tbody>
</table>
CHAPTER 6  Troubleshooting

Cannot enter menu of Body Worn Camera

Stop recording prior to opening the Body Worn Camera menu by pressing the Record button. The Body Worn Camera supports a six character alphanumerical password format. Prior to opening the menu of Body Worn Camera, ensure that correct password is entered. Only authorized Administrators using the Body Worn Camera workstation software can change the Body Worn Camera menu password.

IR are not turning on

IR turn on automatically only if set to Auto in the Infrared menu. Otherwise the Infrared remains unavailable.

Indicator LEDs are not lit

If the camera is powered up and the status LEDs are not lit, use the Body Worn Camera menu and click the LED Light menu option. Ensure that it is set to ON.

The Body Worn Camera only records for short periods of time

In the event the Body Worn Camera records for a brief moment then shuts off, ensure the menu option Auto Power OFF is set to OFF.
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