

Haloview BT10

Haloview Byte Tango BT10 Wireless 10-inch Monitor 1080P Rear View Mirror Dashcam Backup Camera System User Manual

1. INTRODUCTION

Thank you for choosing the Haloview Byte Tango BT10 Wireless Rear View Mirror Dashcam Backup Camera System. This system provides comprehensive front and rear vehicle coverage with a 10-inch 1080P monitor, a built-in dashcam, and a wireless backup camera. This manual will guide you through the installation, operation, and maintenance of your new system to ensure optimal performance and safety.

2. PRODUCT OVERVIEW

2.1 Package Contents

The Haloview Byte Tango BT10 system includes the following components:

- 1 x BT10 Monitor (10-inch, 1280x320 resolution)
- 1 x Rear Camera BTC128W (with WDR Technology)
- 1 x Gasket
- Rubber Straps
- Micro-SD / TF Card
- Type-C to DC Power Cable
- Camera Conversion Cable
- Power Adapter for Pre-wired RV
- Pairing Cable
- Cigarette Lighter Power Adapter
- Velcro Straps
- User Manual

 <p>10"(1280*320) Monitor, support 1 channel of camera</p>	 <p>BTC128WV Camera</p>	 <p>Gasket</p>
 <p>Rubber Straps</p>	 <p>Micro-SD / TF Card</p>	 <p>Type-C to DC Power Cable</p>
 <p>Camera Conversion Cable</p>	 <p>Power Adapter for Pre-wired RV</p>	 <p>Pairing Cable</p>
 <p>Cigarette Lighter</p>	 <p>Velcro Straps</p>	 <p>User Manual</p>

Figure 2.1: Included components of the Haloview BT10 system.

2.2 Key Features

- **10-inch IPS Touchscreen Monitor:** Provides a clear and intuitive interface for viewing and controlling the system.
- **Built-in 1080P Dashcam:** Captures forward-facing video with a 140° wide-angle lens.
- **Wireless 1080P Backup Camera (BTC128W):** Offers a 135° rear view, eliminating blind spots and aiding in safe reversing.
- **Wide Dynamic Range (WDR) Technology:** Improves image quality by balancing light and dark contrasts, especially useful in challenging lighting conditions.
- **IP69K Waterproof Camera:** Ensures durability and reliable performance in various weather conditions.
- **Flexible Power Options:** Can be powered via cigarette lighter socket or Type-C port (PD protocol required).



Figure 2.2: Haloview BT10 system with wide-angle views.

3. SETUP & INSTALLATION

3.1 Pre-Installation Check

Before installing the system, please ensure the stability of your vehicle's rearview mirror. If the rearview mirror or its bracket is loose, it is recommended to replace or tighten it first. An unstable mirror may cause the streaming display to shake or fail to stay in position while driving.

3.2 Monitor Installation

1. Attach the BT10 monitor to your existing rearview mirror using the provided rubber straps. Ensure it is securely fastened and centered for optimal viewing.
2. Adjust the monitor's angle to provide a clear view of the road ahead and the display.



Figure 3.1: Monitor and dashcam installation.

3.3 Wireless Rear Camera Installation (BTC128W)

1. Choose a suitable location at the rear of your vehicle for the BTC128W camera, ensuring a clear line of sight and optimal viewing angle.
2. Mount the camera securely using the provided hardware.
3. Connect the camera to a power source (e.g., reverse light power for automatic activation when reversing, or constant power for continuous monitoring).



IP69K



Figure 3.2: Wireless rear camera installation on an RV.

3.4 Power Connection

The BT10 monitor offers flexible power options:

- **Cigarette Lighter Socket:** Use the provided cigarette lighter power adapter to plug into your vehicle's 12V accessory socket.
- **Type-C Port:** Connect a Type-C cable to the monitor's Type-C port. Note that a Power Delivery (PD) protocol compatible power source is required for this option.



Figure 3.3: Flexible power options for the monitor.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** The system will typically power on automatically when the vehicle starts and power off when the vehicle is turned off. A manual power button may also be available on the monitor.
- **Touchscreen Interface:** Navigate through menus and settings by tapping and swiping on the 10-inch IPS touchscreen.
- **Display Modes:** The monitor can display the front dashcam view, rear camera view, or a split-screen view of both. Switch between modes via the touchscreen interface.

4.2 Dashcam Features

- **Continuous Recording:** The built-in 1080P dashcam continuously records footage of the road ahead (140° wide-angle). Footage is stored on the Micro-SD card.
- **Loop Recording:** When the Micro-SD card is full, the oldest files will be overwritten automatically.
- **Emergency Recording:** In the event of a sudden impact or collision, the G-sensor will trigger emergency recording, locking the current footage to prevent it from being overwritten.
- **Quick Capture:** Tap the "REC" icon on the screen to manually capture a snapshot or start/stop recording.



Figure 4.1: Quick capture function on the monitor.

4.3 Backup Camera Features

- **Automatic Activation:** If wired to the reverse lights, the rear camera view will automatically display when the vehicle is put into reverse.
- **Wide Dynamic Range (WDR):** The BTC128W camera features WDR technology, which enhances image clarity in high-contrast lighting conditions, such as bright sunlight and deep shadows, or at night.
- **Full-Color Dim-Light Night Vision:** Provides clear, full-color images even in low-light environments.

Wide Dynamic Range (WDR) Technology



Figure 4.2: Wide Dynamic Range (WDR) technology comparison.

4.4 Parking Line Adjustment

The parking guidelines displayed on the monitor can be adjusted to match your vehicle's dimensions and preferences:

- **Horizontal Adjustment:** Slide left/right on the touchscreen to adjust the parking lines horizontally.
- **Vertical Adjustment:** Slide up/down on the touchscreen to adjust the parking lines vertically.

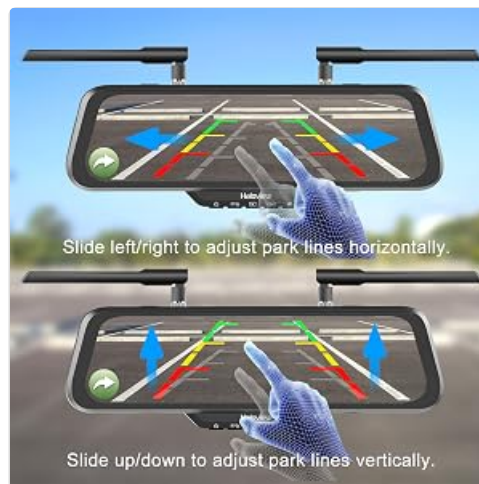


Figure 4.3: Adjusting parking lines on the display.

5. MAINTENANCE

- **Cleaning the Monitor:** Use a soft, dry cloth to clean the monitor screen. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Cleaning the Camera Lens:** Gently wipe the camera lens with a soft, lint-free cloth to ensure clear image quality.

- **Micro-SD Card Management:** Regularly format the Micro-SD card (at least once a month) to maintain optimal recording performance and prevent data corruption. Back up important footage before formatting.
- **Firmware Updates:** Check the Haloview official website periodically for any available firmware updates for your BT10 system. Follow the instructions provided with the update carefully.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **No Power to Monitor:**
 - Check if the power cable is securely connected to both the monitor and the power source (cigarette lighter or Type-C port).
 - Ensure the vehicle's power outlet is functioning.
 - If using Type-C, confirm the power source supports Power Delivery (PD) protocol.
- **No Signal from Rear Camera:**
 - Verify the rear camera is receiving power.
 - Ensure the camera and monitor are paired. Refer to the pairing instructions in the full user manual if re-pairing is needed.
 - Check for any obstructions between the camera and monitor that might interfere with the wireless signal.
- **Poor Image Quality:**
 - Clean the camera lens and monitor screen.
 - Ensure the camera is securely mounted and not vibrating.
 - Check for strong electromagnetic interference sources near the camera or monitor.
- **Dashcam Not Recording:**
 - Ensure a Micro-SD card is inserted correctly.
 - Format the Micro-SD card.
 - Check if the recording function is enabled in the monitor's settings.

7. SPECIFICATIONS

Feature	Specification
Brand	Haloview
Model	BT10
Screen Size	10 Inches
Product Dimensions	11"L x 9"W x 5"H
Compatible Devices	BTC128W/BTC126/BTC125W
Installation Type	Surface Mount
Lens Type	Wide Angle
Real Angle of View (Dashcam)	140 Degrees

Field Of View (Backup Camera)	135 Degrees
Connector Type	Wireless
Video Capture Resolution	1080p
Built-In Media	Monitor and camera

8. WARRANTY INFORMATION

The Haloview Byte Tango BT10 system comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included in your package or visit the official Haloview website.

9. SUPPORT & CONTACT INFORMATION

If you encounter any issues or have questions regarding your Haloview Byte Tango BT10 system that are not covered in this manual, please contact Haloview customer support. You can typically find contact information (email, phone, or support portal) on the official Haloview website or on the packaging of your product. For the most up-to-date support resources, please visit: www.haloview.com