

Teradek 10-0998

Teradek Bolt 3000 DSMC2 Wireless Transmitter User Manual

Model: 10-0998

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1. INTRODUCTION

The Teradek Bolt 3000 DSMC2 is a wireless video transmitter module designed for seamless integration with RED DSMC2 cameras. It provides zero-delay wireless video transmission, eliminating cable clutter and streamlining camera setups. This manual provides essential information for the proper setup, operation, and maintenance of your Bolt 3000 DSMC2 transmitter.

2. SETUP

2.1 Attaching the Transmitter to a RED DSMC2 Camera

The Bolt 3000 DSMC2 module is designed to attach directly to the rear of RED DSMC2 cameras. Align the module's pogo pins with the corresponding connections on the camera body. Gently press the module into place until it securely locks. This connection provides both power and video pass-through, simplifying your camera rig.

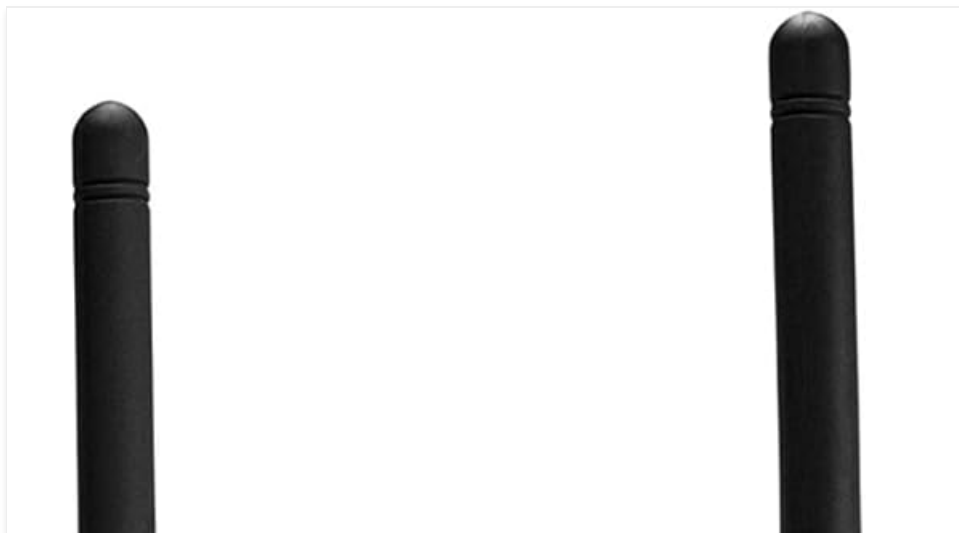




Figure 1: Front view of the Teradek Bolt 3000 DSMC2 Wireless Transmitter with antennas attached. The module connects directly to the RED DSMC2 camera body.

2.2 Antenna Installation

Attach the included antennas to the SMA connectors on the top of the Bolt 3000 DSMC2 module. Ensure they are finger-tightened for a secure connection and optimal signal transmission. Proper antenna orientation is crucial for maintaining a stable wireless link.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Once securely attached to a powered RED DSMC2 camera, the Bolt 3000 DSMC2 module will power on automatically. To power off, simply power down the camera. The module draws power directly from the camera's power system.

3.2 Wireless Video Transmission

The Bolt 3000 DSMC2 transmits pristine 1080p60 wireless video with zero delay. It is compatible with various Teradek Bolt receivers, including Bolt 3000, Bolt XT, and Bolt LT systems. For extended range, it can be paired with the Bolt 10K receiver.

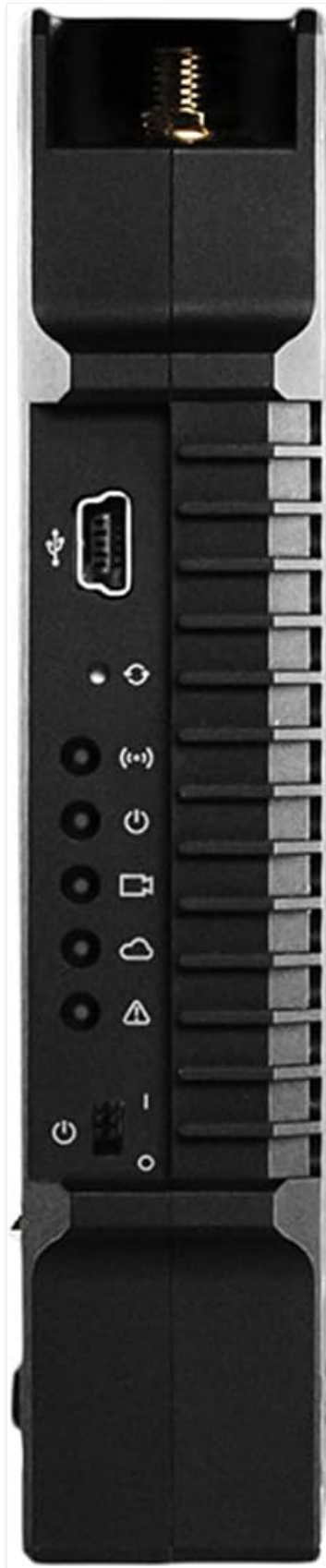


Figure 2: Side view of the Teradek Bolt 3000 DSMC2 Wireless Transmitter, showing various ports and indicator lights. These indicators provide status information during operation.

3.3 Receiver Compatibility

The Bolt DSMC2 module is compatible with a wide range of Teradek Bolt receiver solutions, including:

- Bolt 3000, XT, and LT systems
- SmallHD 703 Bolt monitor/receiver

- SmallHD Focus Bolt monitor/receiver
- Ultra-long range Bolt 10K receiver
- Universal Sidekick series receivers

Refer to your specific receiver's manual for pairing instructions. Generally, pairing involves selecting the appropriate channel on both the transmitter and receiver.

4. MAINTENANCE

4.1 Cleaning

To clean the transmitter, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with a mild cleaning solution can be used, ensuring no liquid enters any ports or openings. Avoid abrasive cleaners or solvents.

4.2 Storage

When not in use, store the Bolt 3000 DSMC2 transmitter in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store it in a protective case to prevent physical damage.

5. TROUBLESHOOTING

5.1 No Video Signal

- Ensure the transmitter is securely attached to the RED DSMC2 camera and the camera is powered on.
- Verify that the receiver is powered on and properly paired with the transmitter.
- Check antenna connections on both the transmitter and receiver.
- Confirm that the receiver is within the operational range of the transmitter.

5.2 Intermittent Signal or Poor Quality

- Reduce the distance between the transmitter and receiver.
- Ensure there are no major obstructions (e.g., thick walls, metal structures) between the units.
- Check for potential sources of interference (e.g., Wi-Fi routers, other wireless devices) and move them away if possible.
- Adjust antenna orientation for better line-of-sight.

6. SPECIFICATIONS

Model Number	10-0998
ASIN	B07NM32653
Manufacturer	Teradek
Video Resolution	Up to 1080p60
Wireless Range	Up to 3,000 ft (line of sight); up to 10,000 ft with Bolt 10K receiver
Delay	Zero-delay
Compatibility	RED DSMC2 cameras, Bolt 3000/XT/LT receivers, SmallHD 703 Bolt, Focus Bolt, Bolt 10K, Sidekick series

Date First Available

July 10, 2021

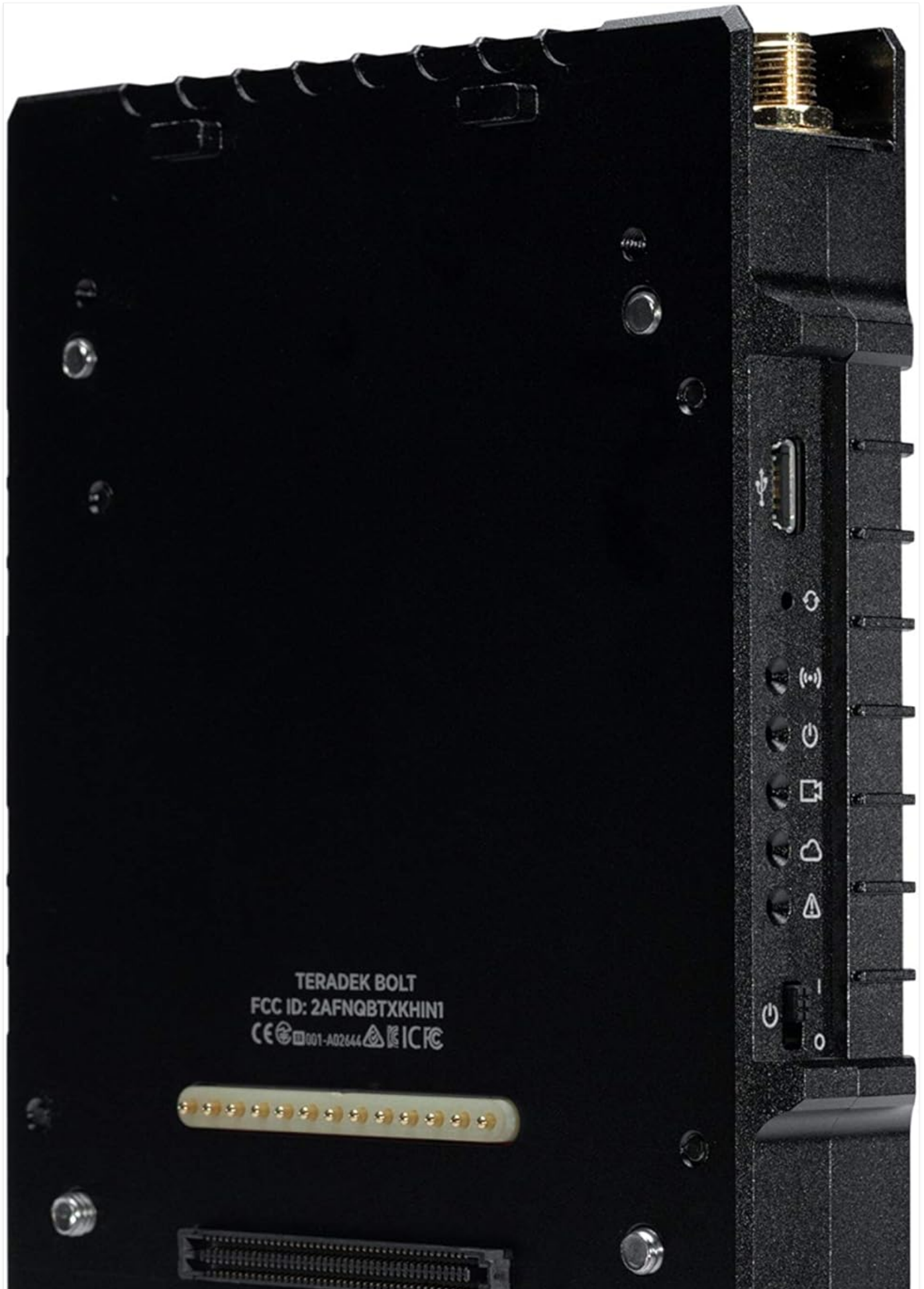




Figure 3: Back view of the Teradek Bolt 3000 DSMC2 Wireless Transmitter, displaying regulatory information such as the FCC ID and the pogo pin connector for the camera interface.

7. WARRANTY & SUPPORT

For detailed warranty information and technical support, please refer to the official Teradek website or contact Teradek customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the official Teradek store for more information: [Teradek Store](#)

