

Bolt 6 LT 1500 RX

Video

Video Outputs

3G-SDI SMPTE 424M standard / 75 Ω (BNC x 1)

1 x HDMI 1.4b Type-A receptacle

Sdi Ancillary Data Support

Supports reading metadata, timecode, and start/stop flags from most camera manufacturers.

Color Sampling

SDI: YCbCr 4:2:2, 10-bit/ HDMI: RGB/YCbCr 4:4:4 8-bit, 4:2:2 10-bit

Output Video Scaling

No manual settings, but all signals above 4K30 for HDMI and 1080p60 for SDI are scaled down to 1080p for corresponding output

Supported Resolutions

Supported Resolutions

4Kp23.98/24/25/29.97/30 (HDMI only)

1080p23.98/24/25/29.97/30/50/59.94/60

1080psf23.98/24/25/29.97/30

1080i50/59.94/60

720p50/59.94/60

480p59.94 576p50

480i(NTSC)/576i(PAL)

Video Processing

Video Compression

Visually Lossless

Test Pattern Generator Support

Yes

Spectrum Analyzer

Yes

Color Correction

17x17x17 3D LUT (supports 10-bit color)

Audio Processing

Audio Compression

48kHz 24-bit PCM

Outputs

Audio Output

Embedded SDI/HDMI Audio Output (2 Channel)

Physical

Dimensions

122mm x 94mm x 27mm

Weight

292g (10.3oz)

Construction

Milled Aluminum(Chassis) and regulation-compliant PCB

Mountability

Multiple mounting options with 1/4"x20 and 3/8"x16 holes

Interfaces

Configuration Interfaces

OSD with Menu, Joystick Navigation

Switches

On/Off Switch

Mobile App

Bolt App

Desktop App

Bolt Manager application for OSX & Windows

Usb Interface Functionality

Upgrade via Micro-USB

Bluetooth

2.4 GHz

Network

Antennas

5 External 2 dBi antennas (included)

Wireless

Non-DFS Frequencies:

5.190 ~ 5.230 GHz, 5.755 ~ 5.795 GHz, 5.945 ~ 6.425GHz

DFS Frequencies:

5.270 ~ 5.670 GHz

Rf Channel Selection

Auto, Manual

Encryption

AES-256, RSA-1024 key exchange

Rf Power

21 dbm EIRP

Range

Up to 1500 ft, line of sight

Unicast Multicast

Can connect one Transmitter to up to 6 Receivers

Noise Rejection

Can coexist with WiFi and 5GHz cordless phones

Can operate up to 6 sets in same location

Interoperability

Can receive wireless video from all ranges of Bolt 4K XT and Bolt 4K LT transmitters (limited by shortest range device)

Power

Power Input

2-Pin Circular locking Connector 6-28 VDC

Battery

None, optional Gold or V mount battery plate

Nominal Power Consumption

11 Watts

Environmental

Operating Temperature

0-40°C