

Bolt 6 LT 750 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

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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 750 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