Bolt 6 LT 1500 TX

Video

Video Inputs

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

1 x HDMI 1.4b Type-A receptacle

Video Outputs

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

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

Delay Tx To Rx

<0.001sec

Input Cross Conversion

Yes, HDMI to SDI (4Kp23.98-30 HDMI input is scaled and looped out as 1080p23.98-30 on SDI loopout)

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

Color Correction

None

Audio Processing

Audio Compression

48kHz 24-bit PCM

Inputs

Audio Input

Embedded SDI/HDMI Audio Input (2 Channel)

Physical

Dimensions

60mm x 103mm x 33mm

Weight

206g (7.3oz)

Construction

Milled Aluminum(Chassis) and regulation-compliant PCB

Mountability

Multiple mounting options with 1/4"x20 and M3 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

2 External 2dBi 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

23 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 transmit wireless video to all ranges of Bolt 4K XT and Bolt 4K LT receivers (limited by shortest range device)

Power

Power Input

2-Pin Circular locking Connector 6-28 VDC

Battery

None, optional Sony/Canon dual battery plate

Nominal Power Consumption

9 Watts

Environmental

Operating Temperature

0-40℃