Bolt 6 LT-HDMI System

	BOLT 4K LT-HDMI TRANSMITTER	BOLT 4K LT-HDMI RECEIVER
VIDEO		
Video Inputs	**1x** HDMI 1.4b Type-A receptacle	N/A
Video Outputs	**1x** HDMI 1.4b Type-A receptacle	**1x** HDMI 1.4b Type-A receptacle
SDI Ancillary Data Support	N/A	N/A
Color Sampling	**YCbCr** 4:2:2 10-bit **RGB** 4:4:4, 8-bit	**YCbCr** 4:2:2 10-bit **RGB** 4:4:4, 8-bit
Delay (TX to RX)	<0.001sec (without format conversions)	<0.001sec (without format conversions)
Supported Resolutions	4Kp23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60	4Kp23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60
Input Cross Conversion	N/A	N/A
Output Video Scaling	N/A	N/A
VIDEO PROCESSING		
Video Compression	Visually lossless	Visually lossless
Test Pattern Generator	N/A	N/A
Spectrum Analyzer	N/A	N/A
Color Correction	N/A	N/A
AUDIO		
Audio	48kHz 24-bit PCM	48kHz 24-bit PCM

Compression

Audio Input	Embedded HDMI Audio Input (2 channel)	N/A
Audio Output	N/A	Embedded HDMI Audio Input (2 channel)

PHYSICAL ATTRIBUTES		
Dimensions	2.4" x 4.1" x 1.3" (60 x 103 x 33mm)	4.8" x 3.7" x 1" (122 x 94 x 25mm)
Weight	7.3oz (206g)	10.3oz (292g)
Construction	Milled aluminum (chassis) and regulation-compliant PCB	

INTERFACES		
Configuration Interface	OLED Screen with Menu Joystick Navigation	OLED Screen with Menu Joystick Navigation
Switches	On/Off Switch	On/Off Switch
Desktop App	Bolt Manager app (OSX and Windows)	Bolt Manager app (OSX and Windows
Mobile App	Bolt App (iOS and Android)	Bolt App (iOS and Android)
USB Interface	Upgrade via Micro-USB 5-pin Locking Connector CCU	Upgrade via Micro-USB 5-pin Locking Connector CCU
Bluetooth Compatibility	Yes	Yes

NETWORK		
Wireless	**DFS Frequencies:** 5.270 ~ 5.670 GHz **Non-DFS Frequencies**: 5.190 ~ 5.230 GHz, 5.755 ~ 5.795 GHz, and 5.945 ~ 6.425GHz	**DFS Frequencies:** 5.270 ~ 5.670 GHz **Non-DFS Frequencies**: 5.190 ~ 5.230 GHz, 5.755 ~ 5.795 GHz, and 5.945 ~ 6.425GHz
Bluetooth	2.4GHz	2.4GHz
RF Channel Selection	Auto, Manual	Auto, Manual
Encryption	AES-256, RSA-1024 key exchange	AES-256, RSA-1024 key exchange

RF Power	19 dbm EIRP (2x external 2dBi antennas; <80mW transmit power)	17 dbm EIRP (1x external 2dBi antenna; <51mW transmit power)
Antennas	2x External 2dBi antennas	5x External 2dBi antennas
Range	Up to 750ft (229m) line of sight	Up to 750ft (229m) line of sight
Multicast	TX transmits video to up to 6 receivers simultaneously	Pair up to 4 transmitters per receiver
Noise Rejection	Can coexist with Wi-Fi and 5GHz cordless phones, and operate up to 6 sets in the same location	Can coexist with Wi-Fi and 5GHz cordless phones, and operate up to 6 sets in the same location
Interoperability	Can transmit wireless video to all ranges of Bolt 4K XT and Bolt 4K LT receivers (limited by shortest range device)	Can receive wireless video to all ranges of Bolt 4K XT and Bolt 4K LT transmitters (limited by shortest range device)

POWER

Power Input	2-Pin locking connector 6-28V DC	2-Pin locking connector 6-28V DC
Battery	None, optional Sony/Canon dual battery plate	None, optional Gold or V mount battery plate
Nominal Power Consumption	9 Watts	11 Watts
Operating Temperature	32~104°F (0~40°C)	32~104°F (0~40°C)

GENERAL

Mounting	Multiple mounting options with M3 and 1/4-20" holes	Multiple mounting options with 3/8"x16 and 1/4-20" holes