

bandpro M U N I C H G M B H Wireless 4K - Comparison Chart © Band Pro Munich GmbH TERADEK bandpro M U N I C H G M B H								
Model	BOLT 4K 750	Bolt 4K 1500	Bolt 4K MAX	Bolt 4K Max + Array 4K Panel Antenna	Bolt 4K 750 LT	Bolt 4K 1500 LT	Bolt 4K RX Monitor Module Cine7 + 702Touch	Model
Video Interface	12G-3G-HD-SD- SDI HDMI	12G-3G-HD-SD- SDI HDMI	12G-3G-HD-SD- SDI HDMI	12G-3G-HD-SD- SDI HDMI	3G-HD-SD- SDI HDMI	3G-HD-SD- SDI HDMI	Wireless input HDMI output	Video Interface
Range (LoS)	750 ft / 228 meter	1500 ft / 457 meter	Up to 3.000 ft / 915 meter	Up to 3000ft / 914m or 5000ft / 1540m with 4K panel antenna LoS	750 ft / 228 meter	1500 ft / 457 meter	750 ft / 228 meter	Range (LoS)
Video Resolution	Uncompressed 4K (2160p): 23.98/24/25/29.97/30/ 50/59.94/60 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30/ 50/59.94/60 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30/ 50/59.94/60 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30/ 50/59.94/60 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30 (ONLY HDMI) 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30 (ONLY HDMI) 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Uncompressed 4K (2160p): 23.98/24/25/29.97/30 (ONLY HDMI) 1080p: 23.98/24/25/29.97/ 30/50/59.94/60 1080psf: 23.98/24/25/29.97/30/50/ 59.94/60 1080i: 50/59.94/60 720p: 50/59.94/60 480p: 50 576p: 59.94/60 (via HDMI ports only) 480i (NTSC) 576i (PAL)	Video Resolution
Latency/Delay Compression	<1 ms Visually lossless	<1 ms Visually lossless	<1 ms Visually lossless	<1 ms Visually lossless	<1 ms (without format conversions) Visually lossless	<1 ms (without format conversions) Visually lossless	<1 ms Visually lossless	Latency/Delay Compression
10-bit HDR Video	yes	yes	yes	yes	yes	yes	yes	10-bit HDR Video
Video Format Conversion Support	* HD source @ Tx -> 4K signal @ Rx * 4K source @ Tx -> HD signal @ Rx * 4K source @ Tx -> 4K signal @ 1st RX and HD signal @ 2nd Rx	* HD source @ Tx -> 4K signal @ Rx * 4K source @ Tx -> HD signal @ Rx * 4K source @ Tx -> 4K signal @ 1st RX and HD signal @ 2nd Rx	* HD source @ Tx -> 4K signal @ Rx * 4K source @ Tx -> HD signal @ Rx * 4K source @ Tx -> 4K signal @ 1st RX and HD signal @ 2nd Rx	* HD source @ Tx -> 4K signal @ Rx * 4K source @ Tx -> HD signal @ Rx * 4K source @ Tx -> 4K signal @ 1st RX and HD signal @ 2nd Rx	yes: HDMI -> SDI	yes: HDMI -> SDI	no	Video Format Conversion Support
Uni-/Multicast Mode	Multicast - up to 6 RX	Multicast - up to 6 RX	Multicast - up to 6 RX Broadcast Mode - unlimited	Multicast - up to 6 RX Broadcast Mode - unlimited	Multicast - up to 6 RX	Multicast - up to 6 RX	Multicast - up to 6 RX	Uni-/Multicast Mode
Frequency (dynamic frequency selection)	DFS and manuel available for non-DFS channels	DFS and manuel available for non-DFS channels	DFS and manuel available for non-DFS channels	DFS and manuel available for non-DFS channels	DFS Frequencies: 5.270 ~ 5.670 GHz Non-DFS Frequencies: 5.190 ~ 5.230 GHz and 5.755 ~ 5.795 GHz	DFS Frequencies: 5.270 ~ 5.670 GHz Non-DFS Frequencies: 5.190 ~ 5.230 GHz and 5.755 ~ 5.795 GHz	DFS and manuel available for non-DFS channels	Frequency (dynamic frequency selection)
Color Sampling	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	SDI: Y:Cb:Cr/4:2:2, 10-bit HDMI: RGB 4:4:4 8-bit	HDMI: 4:2:2 10-bit	Color Sampling
Inputs	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4)	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4)	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4)	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4)	3G-SDI (SMPTE 424M standard) HDMI (1.4b Type-A)	3G-SDI (SMPTE 424M standard) HDMI (1.4b Type-A)	any Bolt 4K Transmitter	Inputs
Outputs	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4) Loopout 12G-SDI	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4) Loopout 12G-SDI	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4) Loopout 12G-SDI	12G-SDI (12G-SDI, 6G-SD, 3G-SDI) HDMI (2.0 or 1.4) Loopout 12G-SDI	3G-SDI (SMPTE 424M standard) HDMI (1.4b Type-A) Loopout 3G-SDI	3G-SDI (SMPTE 424M standard) HDMI (1.4b Type-A) Loopout 3G-SDI	HDMI 2.0	Outputs
Audio Format	24-bit 48kHz PCM	24-bit 48kHz PCM	24-bit 48kHz PCM	24-bit 48kHz PCM	24-bit 48kHz PCM	24-bit 48kHz PCM	24-bit 48kHz PCM	Audio Format
Power Input	2-pin LEMO 6-28 VDC	2-pin LEMO 7-28 VDC	2-pin LEMO 7-28 VDC	2-pin LEMO 7-28 VDC	2-pin LEMO 6-28 VDC	2-pin LEMO 6-28 VDC	2-pin LEMO 6-28 VDC	Power Input
Power Consumption	TX: 20 W RX: 18 W	TX: 20 W RX: 18 W	TX: 20 W RX: 19 W	TX: 20 W RX: 19 W	TX: 9W RX: 11W	TX: 9W RX: 11W	tba	Power Consumption
Dimensions	TX: 13,2x 9,1x 2,7 cm RX: 11,2x 13,9x 2,7 cm	TX: 13,2x 9,1x 2,7 cm RX: 11,2x 13,9x 2,7 cm	TX: 13,2x 9,1x 2,7 cm RX: 11,2x 13,9x 2,7 cm	TX: 13,2x 9,1x 2,7 cm RX: 11,2x 13,9x 2,7 cm	TX: 6.0x 10,3x 3.3 cm RX: 12,2x 9,4x 2,7 cm	TX: 6.0x 10,3x 3.3 cm RX: 12,2x 9,4x 2,7 cm	tba	Dimensions
Weight	TX: 408 g RX: 496 g	TX: 408 g RX: 496 g	TX: 408 g RX: 496 g	TX: 408 g RX: 650 g	TX: 206g RX: 292g	TX: 206g RX: 292g	tba	Weight
External Antennas	yes	yes	yes	yes	yes	yes	yes	External Antennas
Metadata/ Timecode	yes	yes	yes	yes	yes	yes	yes	Metadata/ Timecode
Manual Frequency Selection	yes (via Bolt Manager, LCD or Bolt App)	yes (via Bolt Manager, LCD or Bolt App)	yes (via Bolt Manager, LCD or Bolt App)	yes (via Bolt Manager, LCD or Bolt App)	yes (via Bolt Manager, LCD or Bolt App)	yes (via Bolt Manager, LCD or Bolt App)	tba	Manual Frequency Selection
Channel Bandwidth	13x 40MHz wide channels	13x 40MHz wide channels	13x 40MHz wide channels	13x 40MHz wide channels	tba	tba	tba	Channel Bandwidth
Mounting	TX: 1/4"-20 on bottom and 3/8" on side RX: 1/4"-20 and 3/8"-16 on bottom	TX: 1/4"-20 on bottom and 3/8" on side RX: 1/4"-20 and 3/8"-16 on bottom	1/4" - 20inch Thumb Screw 1/2" - 20inch Lightstand adapter	1/4" - 20inch Thumb Screw 1/2" - 20inch Lightstand adapter	Multiple mounting options with M3 and 1/4- 20" holes	Multiple mounting options with M3 and 1/4-20" holes	tba	Mounting
Specific Features	* Real-Time uncompressed Video up to 4K60fps * Up to 750ft / 228m * Compatibility: Bolt 4K 1500ft, Bolt 4K Max * Input/output configurations are controlled directly on units or via Bolt 4K app * Cross Conversion HDMI -> SDI * Gold or V-Mount plate with pass-through power * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* Real-Time uncompressed Video up to 4K60fps * Up to 1500ft / 457m * Compatibility: Bolt 4K 750ft, Bolt 4K Max * Input/output configurations are controlled directly on units or via Bolt 4K app * Cross Conversion HDMI -> SDI * Gold or V-Mount plate with pass-through power * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* Real-Time uncompressed Video up to 4K60fps * Up to 3000ft / 915m * Requires special antennas * Compatibility: Bolt 4K 750ft, Bolt 4K 1500ft * Input/output configurations are controlled directly on units or via Bolt 4K app * Cross Conversion HDMI -> SDI * Gold or V-Mount plate with pass-through power * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* Real-Time uncompressed Video up to 4K60fps * Up to 5000ft / 1.525m * Requires special Array 4K Panel Antenna * Compatibility: Bolt 4K 750ft, Bolt 4K 1500ft * Input/output configurations are controlled directly on units or via Bolt 4K app * Cross Conversion HDMI -> SDI * Gold or V-Mount plate with pass-through power * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* Can transmit wireless video to ALL ranges of Bolt 4K, Bolt 4K LT and Bolt 4K XT receivers (limited by shortest range device) * Optional Sony/Canon dual battery plate (TX) * Optional Gold or V-Mount battery plate (RX) * Test Pattern Generator (RX) * Spectrum Analyzer (RX) * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* Can transmit wireless video to ALL ranges of Bolt 4K, Bolt 4K LT and Bolt 4K XT receivers (limited by shortest range device) * Optional Sony/Canon dual battery plate (TX) * Optional Gold or V-Mount battery plate (RX) * Test Pattern Generator (RX) * Spectrum Analyzer (RX) * Pair, setting configuration, utilize... Bolt 4K via iOS Bolt App and Bluetooth connection	* 750ft /228m range * Bolt 4K Monitor Module for smallHD Cine7 and 702Touch Monitors * Pair with ANY Bolt 4K Transmitter * Gold- or V-Mount pass-through Battery Plate * Configure Settings via Monitor Interface	Specific Features
NET Price Aprox.	10-2100: 5.186,-€ 10-2100-V/G: 5.932,-€	10-2110: 8.447,-€ 10-2110-V/G: 10.311,-€	10-2119-V/G: 12.733,-€	10-2120-V/G: 14.263,-€	10-2200: 2.391,-€ 10-2200-V: 3.258,-€	10-2210: 4.720,-€ 10-2210-V: 6.584,-€	10-2139-V7: 1.460,-€ MON-CINE7-BOLT4K-VM: 2.857,-€	NET Price Aprox.
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