

AURORA

4K UHD Wireless Video Transmission System

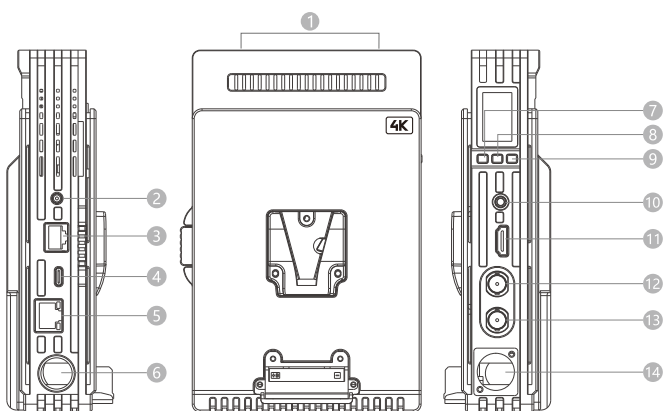
Model: 7120+3120

- Support 4K HDR video
- Support 10-bit with 4:2:2 chroma sampling
- Up to 500 m/1600 ft (LoS) transmission range
- Ultra-low latency: <70ms
- Up to 4096x2160 60Hz, 3840x2160 60Hz video resolution
- Support timecode transmission
- 4x4 MIMO and Beamforming technologies enhance immunity to interference
- Support 12G-SDI input/output, HDMI input/output, 12G-SDI loopout
- Support Tally, voice intercom and channel scan
- Support RS232/422 bidirectional transparent transmission

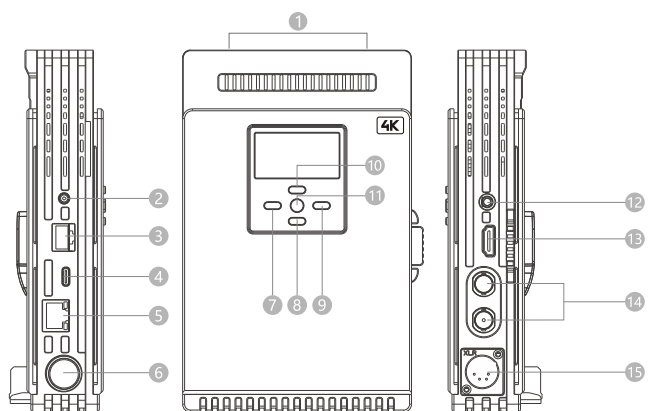


4K HDR	10-bit 4:2:2	12G-SDI	Timecode	Intercom	TALLY
500 m+	Ultra-low latency	HDMI	Channel scan	4x4 MIMO	PTZ camera control

Product Interfaces



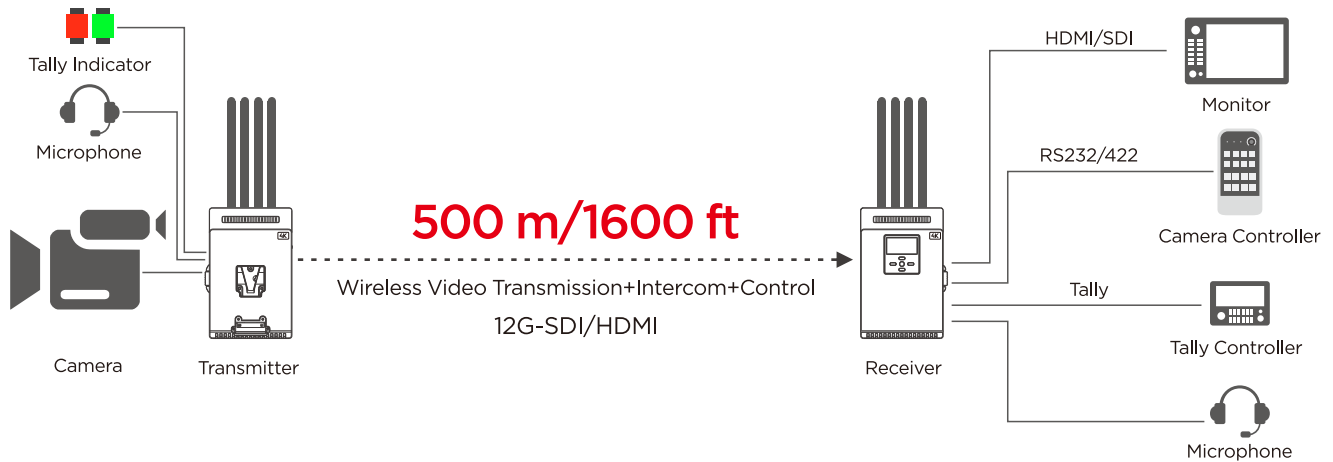
- 1 Antenna Connectors
- 2 Tally Output
- 3 RS-232/422
- 4 USB Port
- 5 LAN
- 6 Power Button
- 7 UP
- 8 MENU
- 9 DOWN
- 10 Headset Jack
- 11 HDMI Input
- 12 12G-SDI Input
- 13 12G-SDI Loop Output
- 14 DC IN (9-36V)



- 1 Antenna Connectors
- 2 Tally Input
- 3 RS-232/422
- 4 USB Port
- 5 LAN
- 6 Power Button
- 7 LEFT
- 8 DOWN
- 9 RIGHT
- 10 UP
- 11 MENU
- 12 Headset Jack
- 13 HDMI Output
- 14 12G-SDI Output
- 15 DC IN (9-36V)

Application Diagram

AURORA Application Diagram



Item	Transmitter: 7120	Receiver: 3120
Antenna Mode	4x4 MIMO 5dBi External Antenna	
Operating Frequency	5.1-5.8GHz	
Transmission Distance	500 m/1600 ft (LoS)	
Video Resolution	SDI: 4096x2160 23.98/24/25/29.97/30/50/59.94/60Hz 3840x2160 23.98/24/25/29.97/30/50/59.94/60 Hz 1080P 60/59.94/50 Hz (A&B) 1080I 60/59.94/50 Hz 1080P 30/29.97/25/24/23.98 Hz 1080PsF 29.97/25/24/23.98 Hz 720P 60/59.94/50 Hz	
	HDMI: 4096x2160 23.98/24/25/29.97/30/50/59.94/60Hz 3840x2160 23.98/24/25/29.97/30/50/59.94/60 Hz 1080P 60/59.94/50/30/29.97/25/24/23.98 Hz 1080I 60/59.94/50 Hz 720P 60/59.94/50 Hz	
Interfaces	HDMI input, 12G-SDI input, 12G-SDI loopout, Intercom, LAN port, RS232/422, Tally out	HDMI output, 12G-SDI output x2, Intercom, LAN port, RS232/422, Tally in
Operating Voltage	DC 9V-36V	
Temperature	-10° C~55° C; Humidity≤95% (No Condensation)	
Product Size	185x117x40 mm	

Packing List



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