

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 3840x2160/60P video resolution
- Support timecode transmission
- 4x4 MIMO and Beamforming technologies enhance immunity to interference
- Support 12G-SDI input/output, HDMI input/output (up to 4Kp60), 12G-SDI loopout
- Support Tally, full-duplex intercom function
- Support RS232/422 bidirectional transparent transmission



4K HDR



10-bit with 4:2:2



12G-SDI



500 m+

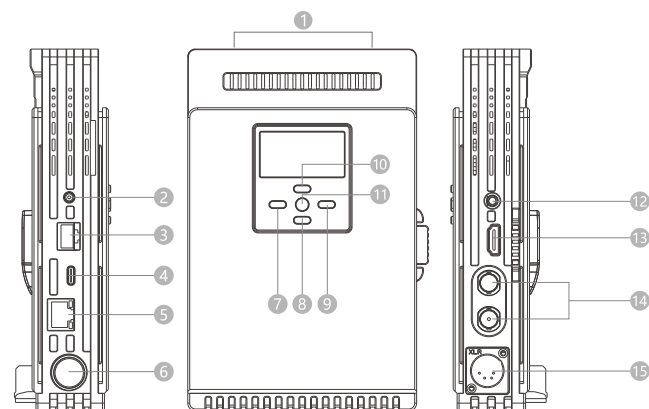
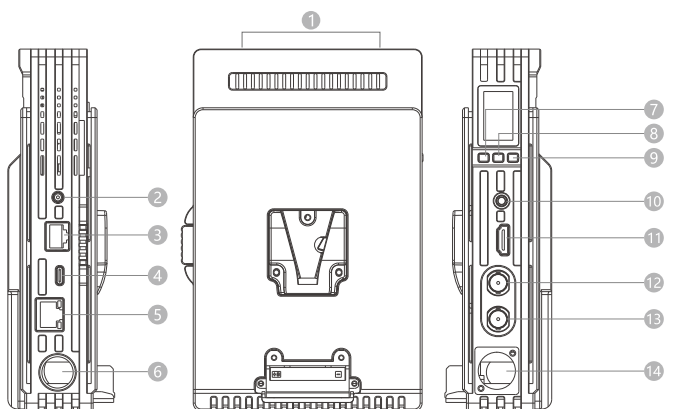


Ultra-low Latency



HDMI

Product Interfaces



1 Antenna Interfaces 2 Tally OUT 3 RS-232/422 4 USB Interface 5 LAN

6 Power Button 7 UP 8 MENU 9 DOWN 10 Intercom

11 HDMI IN 12 12G-SDI LOOPOUT 13 12G-SDI IN 14 DC IN (9-36V)

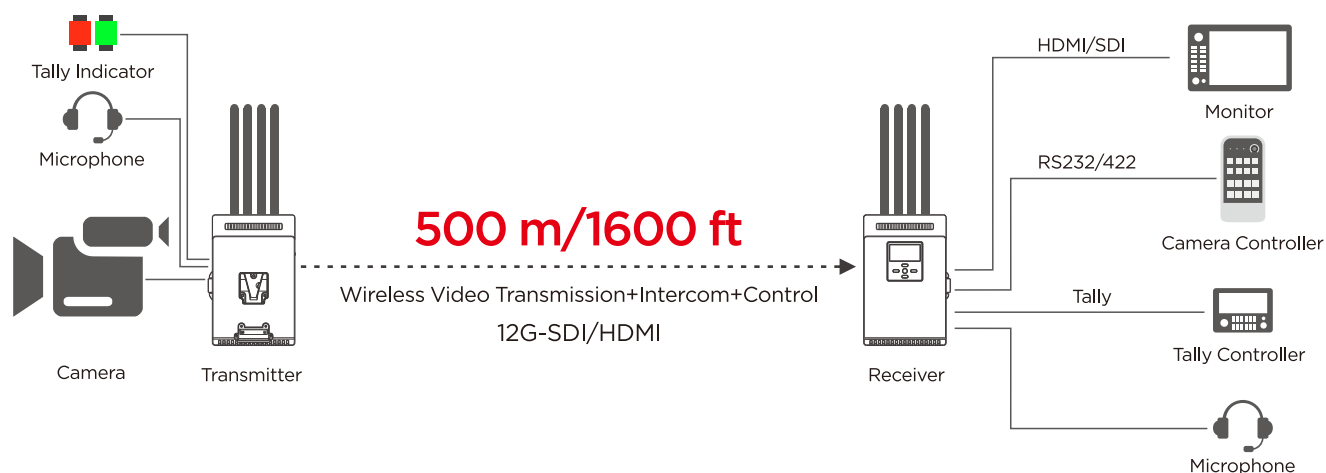
1 Antenna Interfaces 2 Tally IN 3 RS-232/422 4 USB Interface 5 LAN

6 Power Button 7 LEFT 8 DOWN 9 RIGHT 10 UP

11 MENU 12 Intercom 13 HDMI OUT 14 12G-SDI OUT 15 DC IN (9-36V)

Application Diagram

AURORA Application Diagram



Item	Transmitter: 7120	Receiver: 3120
Antenna Mode	4*4 MIMO 5dBi External Antenna	
Operating Frequency	5.1-5.8GHz	
Transmission Distance	500 m/1600 ft (LoS)	
Video Resolution	SDI: 3840x2160P 23.98/24/25/29.97/30/50/59.94/60P 1080P 60/59.94/50(A&B) 1080I 60/59.94/50 1080P 30/29.97/25/24/23.98 1080PsF 30/29.97/25/24/23.98 720P 60/59.94/50	
	HDMI: 3840x2160P 23.98/24/25/29.97/30/50/59.94/60P 1080P 60/59.94/50/30/29.97/25/24/23.98 1080I 60/59.94/50 720P 60/59.94/50	
Interfaces	HDMI, 12G-SDI, 12G-SDI loopout, Intercom, LAN port, RS232/422, Tally out	HDMI, 12G-SDI*2, 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	



SHENZHEN CRYSTAL VIDEO TECHNOLOGY CO.,LTD

ADD: F12,F518 Idea Land,Baoyuan Road,Baoan Central Area,Shenzhen,China

Post code: 518102

Tel: +86-755-27750518-6652

E-mail: Sales@cv-hd.com

www.cv-hd.com

Fax: +86-755-29188427

E-mail: Marketing@cv-hd.com