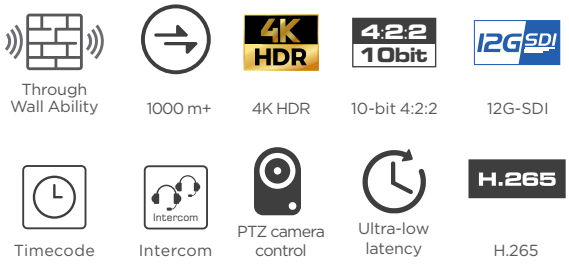
Thunder 4K

4K UHD Broadcast + Through 7 Walls

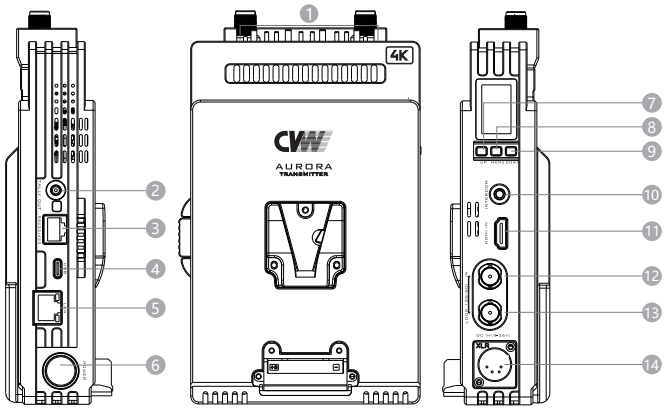
Model: 7161+3161



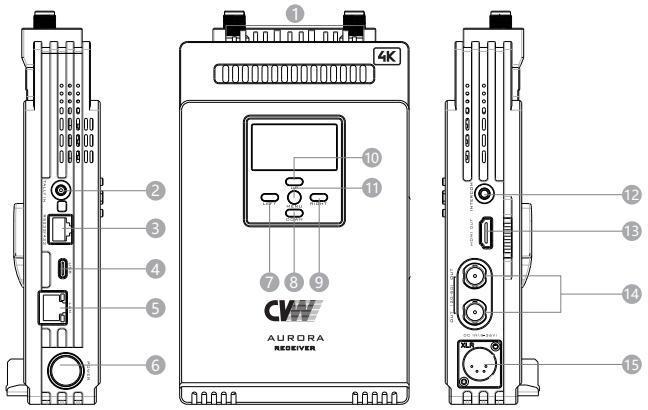
- H.265/HEVC encoding and decoding
- Excellent through-wall performance, up to 1000 meters transmission range (NLoS)
- Support 4K HDR video, 10-bit with 4:2:2 chroma sampling
- Up to 4096x2160 60Hz, 3840x2160 60Hz video resolution
- Support 12G-SDI input/output, 12G-SDI loopout, HDMI input/output
- Ultra-low latency: <70ms
- Support time code transmission via SDI
- Support Tally and full-duplex voice intercom
- Support RS232/422 bidirectional transparent transmission



Product Interfaces

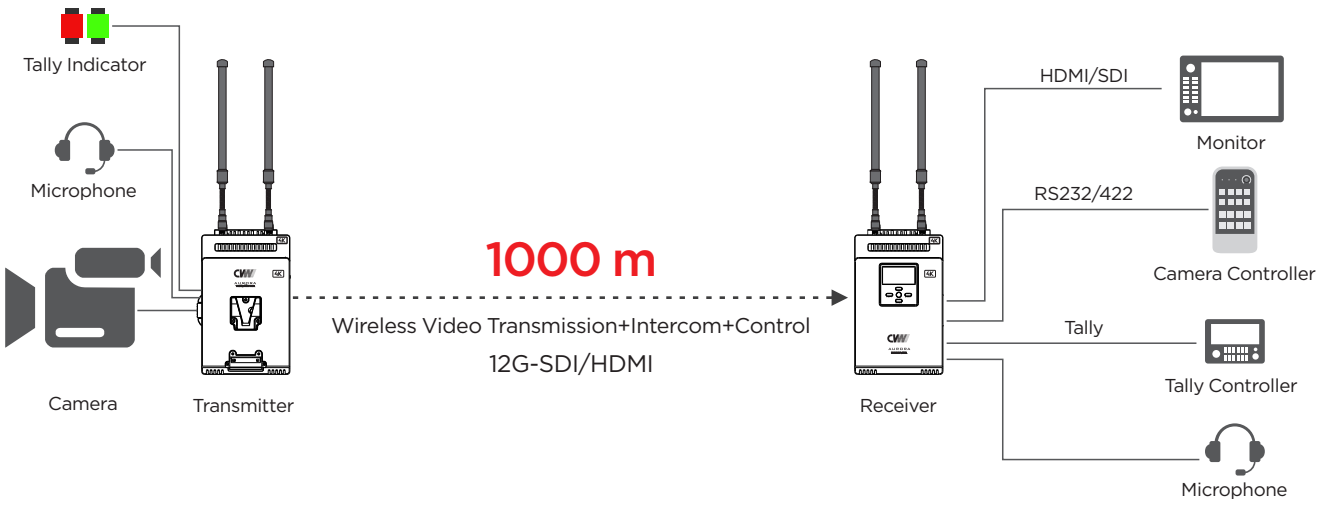


1 Antenna Connectors 2 Tally Output 3 RS-232/422 4 USB Port 5 LAN
6 Power Button 7 UP 8 MENU 9 DOWN 10 Headset Jack
11 HDMI Input 12 12G-SDI Input 13 12G-SDI Loop Output 14 DC IN (9-36V)



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



Item	Transmitter: 7161	Receiver: 3161
Antenna Mode	2T2R	
Operating Frequency	1420-1530MHz	
Output Power	2W (33dBm)	
Transmission Distance	1000m (40Mbps)	
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-SDIloopout, intercom, LAN port, RS232/422, Tally output, power port	HDMIoutput,12G-SDI output x2,intercom, LAN port, RS232/422, Tally input, power port
Operating Voltage	DC 9V~36V	
Temperature	-10° C~55° C; Humidity≤95% (No Condensation)	
Product Size	192x117x46mm	192x117x40mm

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