



4K UHD wireless collaboration system



RGBlink[®]



Revolutionize the audio-video transmission in the film and television industry with the world's lowest latency wireless system! Experience a mere 16 milliseconds of ultra-low latency, ensuring a seamless and immersive visual journey. With HDR 10 and 10-bit signal transmission, every frame is a masterpiece of color and clarity. Stretching across 300 meters, this system defies distance, allowing signals to transmit with unparalleled reach. But that's not all – indulge in the richness of 7.1 channel audio and the immersive power of Dolby Atmos/DTS sound, delivering an audio experience that matches the visual splendor. This state-of-the-art wireless transmission system is tailor-made for the demands of the film and television industry, as well as engineering projects, promising a new standard of efficiency and audio-visual excellence.



HDR 10bit



4096*2160@60Hz high resolution



Minimum 16ms at 60fps



Support audio 7.1 channels



Built in professional 802.11ac MIMO 2T2R Wi-Fi router solution



AES128 encryption & Proprietary coding protocol and transmission algorithms to ensure high data security



HDR

HDR signal transmission, preserving the details of high dynamic range images

Real-time Codec

Real-time Encode and Decode optimized for low latency and high reliability

latency

16ms latency at 60fps

8 Audio Channel

Support audio 7.1 channels

High Stability

Proprietary protocol to ensure stable streaming in a crowded WiFi environment

Dolby Atmos/DTS Bypass

Supports wireless streaming Dolby Atmos/DTS to TV for decoding and playback

Vision Lossless

The 10-bit YUV4:2:2 video encoding color space offers a visual effect indistinguishable from a wired connection

Auto Pairing & Auto Connection

Automatically establish connection with the most favorable Wi-Fi channel accessible to guaranteeing exceptional wireless performance

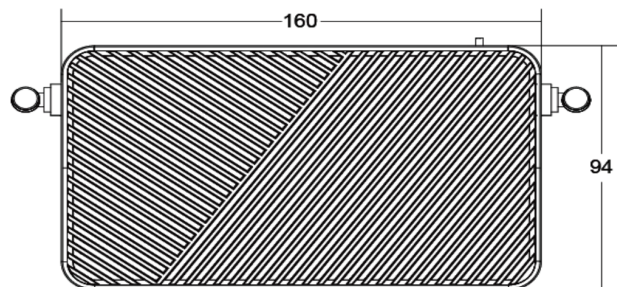
Specification

| | | | | |
|---------------------|------------------------|----------------------------------|--|-----------------|
| Interface | Input | TX | HDMI 2.0 | 1×HDMI-A |
| | Output | TX | HDMI 2.0 | 1×HDMI-A (LOOP) |
| | | RX | HDMI 2.0 | 1×HDMI-A |
| | Power | TX | Power | 1×DC Power Jack |
| RX | | Power | 1×DC Power Jack | |
| Performance | Input Resolution | HDMI 2.0 | 4096x2160p@30/60 3840×2160p@30/60 2160×1200p@90 2880×1600p@90 | |
| | | | 1920×1080p@24/30/60/120 1920×1080i@50/60 1280×720p@30/60 640×480p@60 | |
| | Output Resolution | HDMI 2.0 | 4096x2160p@30/60 3840×2160p@30/60 2160×1200p@90 2880×1600p@90 1 | |
| | | | 920×1080p@24/30/60/120 1920×1080i@50/60 1280×720p@30/60 640×480p@60 | |
| | Latency | About 16ms | | |
| | HDR | HDR 10 bit | | |
| | Dolby Atmos/DTS Bypass | YES | (open environment) | |
| | Distance | 300m | 2.0 | |
| Supported Standards | HDMI | 2.2 | | |
| | HDCP | | | |
| Power | Input Voltage | DC 12V/1.5A (TX/RX) | | |
| | Consumption | 10W (TX/RX) | | |
| Dimension | Operation Temperature | 0°C to ~ +40°C (+32°F ~ + 104°F) | | |
| | Storage Temperature | - 10°C ~ +60°C (+14°F ~ + 140°F) | | |
| | Operation Humidity | 10% to 80% RH | | |
| Physical | Net Dimension | 160mm × 94mm × 34mm(TX/RX) | | |
| | Net Weight | 330g (TX/RX) | | |

Order Codes

| Product Code | Item |
|---------------|-------------------|
| 450-4002-01-0 | ASK ultra (TX+RX) |

Dimensions



mm

