

TECHNICAL SPECIFICATION

EHC-230-W

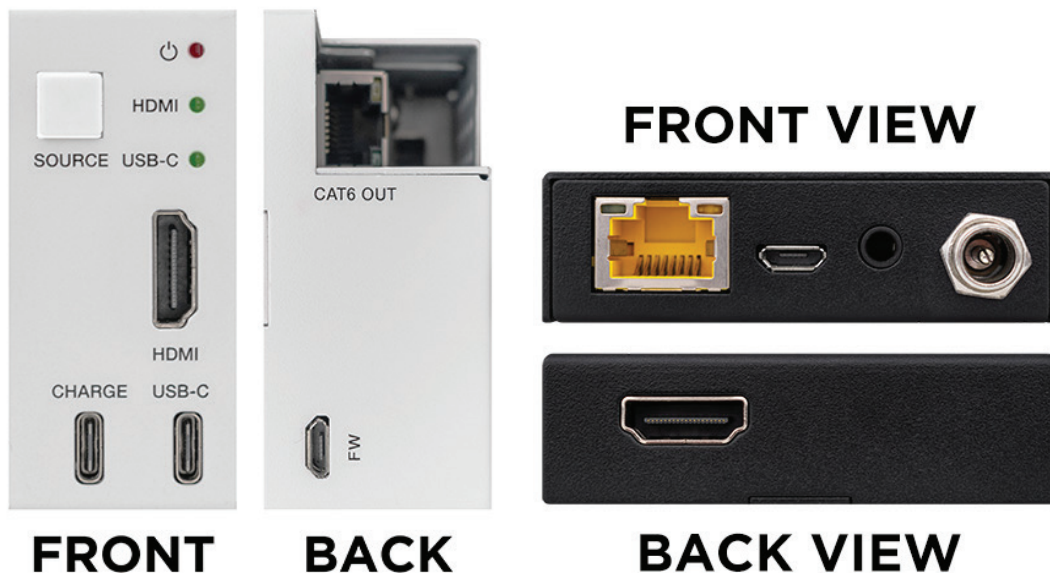


Description: 18Gbps CAT6 Wall Plate Transmitter with USB-C/HDMI and Receiver

Why Use This Product: This CAT transmitter is perfect for high bandwidth applications. It supports up to 4K@60Hz 18Gbps. CAT6 output can extend video transmission up to 164ft / 50m.

Key Features

- Compliant with HDMI 2.0b, HDCP 2.2 and DP 1.2a
- HDMI input supports 18Gbps video bandwidth
- USB-C input supports 5.4Gbps video bandwidth
- Video resolution up to 4K2K@50/60Hz 4:4:4
- Video transmission distance up to 164ft for 4K24Hz or 115ft for 4K60Hz via a single CAT5e/6 cable
- Support 3D, HDR10 and Dolby Vision
- Features USB-C charging port
- US one-gang for Decora-style wall plate openings
- Supports POC function



18Gbps CAT6 Wall Plate Transmitter with USB-C/HDMI and Receiver

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Revision Number:	1
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1723 W. 4th Street Tempe Arizona 85281
P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com | www.covid.com

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Technical Specifications

Technical

HDMI Compliance.....HDMI 2.0
HDCP Compliance.....HDCP 2.2
Video Bandwidth.....HDMI: 18Gbps; USB-C: 5.4Gbps
Video Resolution.....4K@24Hz (164ft); 4K@60Hz (115ft)
High Dynamic Range.....HDR is supported
HDMI Audio Formats.....LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
ESD Protection.....Human body model - $\pm 8\text{kV}$ (Air-gap discharge) & $\pm \text{kV}$ (Contact discharge)

Connections (Transmitter)

Input Ports.....1 HDMI Type A, 1 USB-C
Output Ports.....1 CAT6 OUT, 1 USB-C (only for charging)
Control Ports.....1 FW (Micro-USB, Update port)

Connections (Receiver)

Input Ports.....1 CAT IN
Output Ports.....1 HDMI OUT
Output Ports.....1 IR IN (3.5mm Jack), 1 Service (Micro-USB, Update port)

Mechanical

Housing.....Metal Enclosure
Color.....White / Black
Dimensions.....

Wall Plate - 33.3mm(W) x 65.7mm(D) x 68.7mm(H)

Face Plate - 69.9mm(W) x 3mm(D) x 114.3mm(H)

Receiver - 88mm(W) x 61mm(D) x 18mm(H)

Weight.....Wall Plate: 195g, Receiver: 155g
Power Supply.....POC
Power Consumption.....Wall Plate: 3W (Max), Receiver: 3.72W (Max)
Operation Temperature.....32 - 104°F / 0 - 40°C
Storage Temperature.....-4 - 140°F / -20 - 60°C
Relative Humidity.....20~90% RH (non-condensation)

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