

**HDBaseT 3.0
Uncompressed**



EGBMU-M3210

HDBaseT 3.0 True 4K HDMI 2.0 KVM Extender over CAT.6A / 7 Cable with USB 2.0, Audio, Serial, PoH, 90M

Specifications

Model Number	Transmitter	Receiver
EGBMU-M3210	EGBMU-3210L	EGBMU-3210R
MAX. Resolution	3840x2160@60Hz (4:4:4) 4096x2160@60Hz (4:4:4) 7680x4320@30Hz (4:2:0)	
Video Extension	HDMI 2.0 x 1 (In) HDMI 2.0 x 1 (Out)	
USB 2.0 Extension	USB-B x 1 USB-A x 3	USB-A x 4
Speaker Extension	3.5mm SPK Jack x 1 (In) Independent Transmission or Embed into HDMI Signal	3.5mm SPK Jack x 1 (Out) Independent Transmission or Extract from HDMI Signal
Microphone Extension	3.5mm MIC Jack x 1 (Out) 3.5mm MIC Jack x 1 (In)	
Serial Extension	RJ11 x 1 (RS232)	
HDCP Compliance	HDCP 2.2 and HDCP 1.4	
HDBaseT Interface	RJ45 x 1 (CAT.6a /CAT.7)	
Extension Range	MAX. 70~90 Meters with CAT.6a / CAT.7 (CAT.6a Cable Should be Verified by HDBaseT)	
Auxiliary HDMI	1. HDMI 2.0 Local Out 2. 720P Video Return (Receiver-to-Transmitter)	(Not Used)
Power Supply	DC 12V~48V (PoH Transmitter-to-Receiver)	
Operation Environment	0~50°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	30 x 127 x 135	
Weight (g)	650	650

Features

- Allows Reliable Remote Access of a Computer or Video Source via a CAT.6A / 7 Cable Up to 90 Meters (295 feet)
- **HDBaseT 3.0 Technology** Grants Uncompressed True 4K HDMI 2.0 Extension
- **Most Popular Resolutions Supported** by HDMI 2.0 Up to 4K@60Hz (4:4:4)
- **HDCP 2.2 & 1.4 Compliance** Ensures Uninterrupted Video Playback
- **HDR10** Support for Best Visual Experience
- Auxiliary HDMI Allows Flexible Monitoring :
1. Transmitter's HDMI 2.0 Local Output
2. 720P Video Return from The Receiver Facilitates Monitoring and Recording Purposes
- **USB 2.0 Extension** Supports Keyboard, Mouse, USB Storage, USB Camera, and Other Devices
- **CEC Pass Through** Allows Easy Control
- **Audio Embed** Allows User to Insert Informative Audio Content into The HDMI
- **Audio Extract** Allows Easy Connection to an Analog Audio Amplifier
- Audio Embed Controls at Both Sides Allows Practical Audio Applications
- **PoH (Power over HDBaseT)** Allows The Transmitter to Supply Power To The Receiver
- **ARC (Audio Return Channel)** Facilitates Sound Bar Application



Product Family

Model Number	USB 2.0	PoH	LAN EXT.	IR EXT.	Extension Range
EGBMU-M3010			No		90M@4K60Hz (4:4:4)
EGBMU-M3210	Yes		No		
EGBMUN-M3210		Yes	Yes	Yes	

Connection Pattern

