

4K DP
Uncompressed

EGBPUN-M3210



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

Specifications

Model Number	Transmitter	Receiver
EGBPUN-M3210	EGBPUN-3210L	EGBPUN-3210R
MAX. Resolution	3840x2160@60Hz (4:4:4) 4096x2160@60Hz (4:4:4) 7680x4320@30Hz (4:2:0)	
Video Extension	DP x 1 (In)	DP x 1 (Out)
USB 2.0 Extension	USB-B x 1 USB-A x 3	USB-A x 4
SPK Extension	SPK x 1 (In) Independent Transmission or Embed into HDMI Signal	SPK x 1 (Out) Independent Transmission or Extract from HDMI Signal
MIC Extension	MIC x 1 (Out)	MIC x 1 (In)
LAN Extension	RJ45 x 1 (1Gbps)	RJ45 x 1 (1Gbps)
IR Extension	IR x 1 (Out)	IR x 1 (In)
Serial Extension	RJ11 x 1 (RS232)	RJ11 x 1 (RS232)
Button Controls	Audio Embed Video Local Out / Video Return	Audio Embed Audio Extract
HDCP Compliance	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 (Not Used) 2. 720P Video Return (Receiver-to-Transmitter)	
Power Supply	DC 12V~48V (PoH Transmitter-to-Receiver)	
Operation Environment	0~50°C, Humidity<80% (Storage : -20~60°C)	
Material	Aluminum	
H x W x D (mm)	30 x 127 x 135, (650g Each Unit)	

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 4K DP (DisplayPort) Up to 4K@60Hz (4:4:4)
- **HDCP 1.4 Compliance** Ensures Uninterrupted Video Playback
- 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
- **Serial Extension** Allows for Extensive RS232 Control Applications
- **Giga LAN Extension** Simplifies Cable Path
- **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



Product Family (HDMI 2.0)

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

