

4K DP  
Uncompressed

# EGBPU-M3210



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

## Specifications

Model Number	Transmitter	Receiver
EGBPU-M3210	EGBPU-3210L	EGBPU-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 )
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

- **HDBaseT 3.0 Extension** Allows Reliable Remote Access of a Computer or Video Source via a CAT.6A / 7 Cable Up to 90 Meters ( 295 feet )
- **Uncompressed True 4K DisplayPort Extension** Enabled by HDBaseT 3.0 Technology
- **DisplayPort Video** Supports Most Popular Resolutions Up to 4K@60Hz ( 4:4:4 )
- **HDCP 1.4 Compliance** Ensures Proper Playback of 4K Video
- **Auxiliary HDMI Channel** for Flexible Monitoring :  
1. Tx's Video Local Output ( Local Console )  
2. 720P Video Return ( Rx -> Tx )  
( Facilitates Monitoring and Recording )
- **USB 2.0 Extension** Supports Keyboard, Mouse, USB Storage, USB Camera, and Other Devices
- **Serial Extension** Allows for Extensive RS232 Control Applications
- **CEC Pass Through** Allows Easy Control
- **Audio Embed** Allows User to Insert Informative Audio Content into the DisplayPort Video
- **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

### Audio Embed



### Audio Extract

### Serial EXT.

### Local Console / Video Return

## 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

