

Uncompressed

# EGBMU-M3010



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

## Specifications

Model Number	Transmitter	Receiver
EGBMU-M3010	EGBMU-3010L	EGBMU-3010R
MAX. Resolution	3840x2160@60Hz ( 4:4:4 ) 4096x2160@60Hz ( 4:4:4 ) 5120x1440@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. 85~100 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	
Operation Environment	0~50°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Aluminum	
H x W x D ( mm )	30 x 110 x 135	
Weight ( g )	375	375

## Features

- Allows Reliable Remote Access of a Computer or Video Source via a CAT.6A / 7 Cable Up to 100 Meters ( 328 feet )
- Uncompressed True 4K HDMI 2.0 Extension Enabled by HDBaseT 3.0 Technology
- HDMI 2.0 Video Supports Most Popular Resolutions Up to 4K@60Hz ( 4:4:4 )
- Also Support Equivalent-Bandwidth Resolutions Such as 5K@60Hz ( 4:4:4 ) and 8K@30Hz ( 4:2:0 )
- HDCP 2.2 and HDCP 1.4 Compliance
- HDR10 Support for Best Visual Experience
- Auxiliary HDMI Allows Flexible Monitoring :  
1. HDMI 2.0 Local KVM Console  
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 RS-232 Control Applications
- 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

\* ARC ( Audio Return Channel ) Available by Clients' Demand



## Product Family

Model Number	USB 2.0	PoH	LAN EXT.	IR EXT.	Extension Range
EGBMU-M3010		No	No	No	85~100M via CAT.7
EGBMU-M3210	Yes	Yes	No	No	
EGBMUN-M3210			Yes	Yes	

## Overview

The HDBaseT 3.0 True 4K HDMI 2.0 KVM Extender over CAT.6A / 7 Cable with USB 2.0, Audio, Serial, 100M, EGBMU-M3010, enables 100M remote access to a computer's 4K HDMI 2.0 video, USB 2.0, Audio and Microphone, Serial for more controls.

## Connection Pattern

