

FO-HDM4K-200-EMIX

4K HDMI FIBER OPTIC EXTENDER



4K@60 HDMI 2.0 EXTENDER

KEY FEATURES

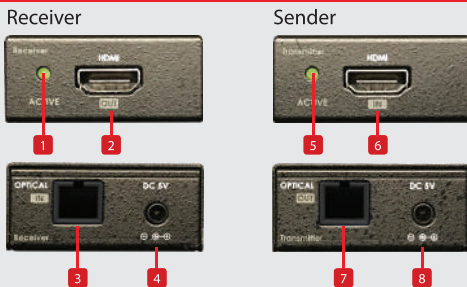
- High speed and long distance transmission over fiber optic;
- Supports Resolution of Full HD 1080p@50/60Hz, 4K UHD (3840x2160@60Hz), 4K (4096x2160@60Hz);
- Extends 4K HDMI signal up to 200 meters;
- Supports 50 micron OM3/OM4 Fiber with SC Connector;
- DDC Data and HPD signal is transmitted by 1 channel of multimode optical fiber;
- Compliant HDMI v2.0a, HDCP v2.2 and SCDC;
- Active devices with LED power indicators;
- Real Time EDID Transmission.

		TV/Monitors					
		Samsung (HDMI)	LG Monitor (HDMI)	ViewSonic (HDMI)	LG TV 1 (HDMI)	LG TV 2 (HDMI)	VISIO (HDMI)
Model #	U28E590	27MU67	VP2780-4K	40UF6700	43UH6100	P502ui-B1	
Resolution	3840x2160 @60Hz	3840x2160 @60Hz	4096x2160 @60Hz	4096x2160 @60Hz	4096x2160 @60Hz HDR Support	4096x2160 @60Hz YCbCr 4:2:0	
SOURCE	GTX 960	✓	✓	✓	✓	✓	✓
	GTX 970	✓	✓	✓	✓	✓	✓
	GTX 980	✓	✓	✓	✓	✓	✓
	SHIELD	✓	✓	✓	✓	✓	✓
	MURIDEO	✓	✓	✓	✓	✓	✓

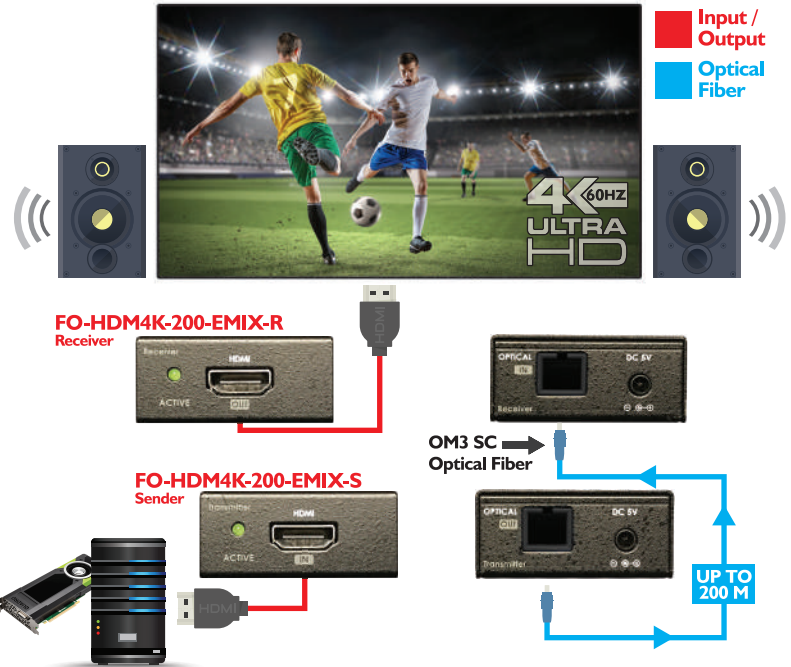
PACKAGE CONTENT

- FO-HDM4K-200-EMIX (TX)
- FO-HDM4K-200-EMIX (RX)
- 5V 2A Power Adapter
- User Guide

PANEL DESCRIPTION



- | | |
|------------------------|-------------------|
| 1 POWER LED - TX | 2 HDMI OUT Type A |
| 3 SC OPTICAL CONNECTOR | 4 5V POWER JACK |
| 5 POWER LED - RX | 6 HDMI IN Type A |
| 7 SC OPTICAL CONNECTOR | 8 5V POWER JACK |



ITEM	SPECIFICATION	
Model	FO-HDM4K-200-EMIX-S	FO-HDM4K-200-EMIX-R
Description	HDMI Type A	
HDMI Standard	HDMI 2.0a	
HDCP Compliant	YES-HDCP v2.2	
SCDC Compliant	YES - Status and Control Data Channel	
Video Bandwidth	6Gpbs/Channel	
Supported Resolution	Full HD 1080p@50/60Hz, 4K(3840x2160@60Hz), 4K UHD (4096x2160@60Hz)	
Distance	Up to 200 meters	
Transmission Type	850nm VCSEL - 50/125 μm Multi-mode glass-fiber	
Fiber	OM3/OM4 Multimode	
Dimensions (LxWxH)	81.2mm x 47.5mm x 21.1mm	
Weight	1.5 lbs	
Power Supply	5V/2A	
Power Consumption	3.05W	5V/2A
Operating Temperature	32° ~ 140° F (0° to 60° C)	2.85W
Storage Temperature	-4° ~ 140° F (-20° ~ 60° C) 20~90% RH (no condensation)	



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* CEC and HEAC not supported