Model #: FO-HDM-IP4K-SET

HDMI Extender up to 20KM over Fiber Optic with IR Support


4K 60HZ 4:4:4 ULTRA HD

4K HDMI EXTENDER CABLE OVER FIBER OPTIC

KEY FEATURES

2.4.1 Front Panel (Transmitter, FO-HDM-IP4K-S)

1   2   3   4   5

1. **POWER LED:** LED lights red when device is powered on		2. **DC 5V:** Connect the 5 V DC power supply included.	
3. **DATA LED:** When data is transmitting from the source the led will continuoulsy flash YELLOW		4. **LINK LED:** When connected to RX or network switch the LED will light **GREEN.**	
5. **OPTICAL OUT:** Connect SC single mode fiber optic cable.			

2.4.2 Front/Rear Panel (Transmitter, FO-HDM-IP4K-R)

1   2   3   4   5

1 POWER LED: LED light red when powered on	2 DC 5V: Connect 5VDC powers supply included
3 DATA LED: Flashes yellow when transmiting data	

1   2   3
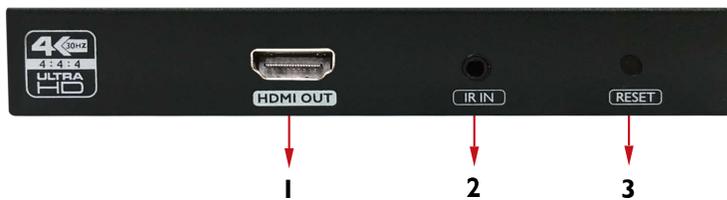
1 **HDMI OUT:** Connect to HDMI source via HDMI Cable.	2 **IR IN:** Plug the IR Blaster cable for IR signal being transmitted. place IR Blaster within direct site of the device being controlled.
3 **RESET:** To reset the unit when no link is established.	

FO-HDM-IP4K-SET

CABLE INDEX
- 🟥 INPUT/OUTPUT
- 🟩 SC FIBER OM2/3
- ⬛ IR CONTROL

1080p = 20Km (2000m) OM2/3 SINGLE MODE
4K30p = 20Km (2000m) OM2/3 SINGLE MODE

Application Diagram 1 POINT TO POINT

HDMI 4K30 Monitor

FO-HDM-IP4K-R RECEIVER-RX

RECEIVER LOCATION 20Km (2000m) AWAY

FO-HDM-IP4K-S SENDER-TX

IR Control from TV side

4K HDMI Source

SENDER LOCATION CONNECTED AT SOURCE
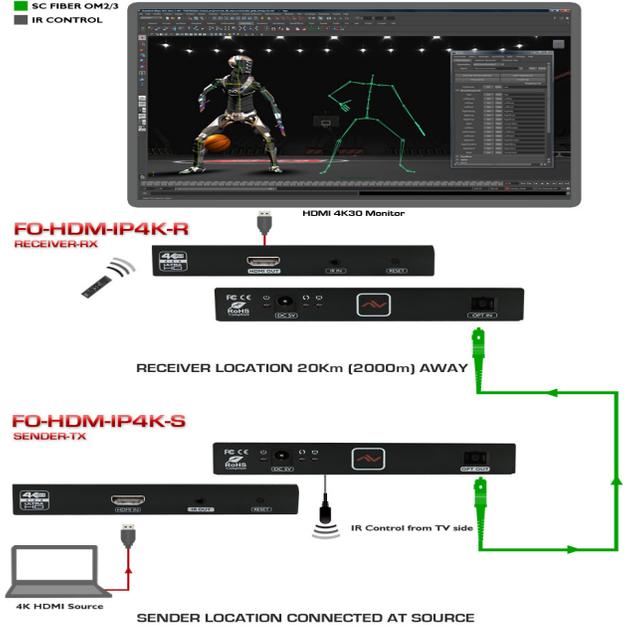
ITEM	SPECIFICATION	
Model	FO-HDM-IP4K-S	FO-HDM4K-XX-MM (Receiver)
Description	HDMI Type A (male)	HDMI Type A (female)
HDMI Standard	HDMI 2.0	
HDCP Compliant	Yes	
Video Bandwidth	18 Gbps	
Supported Resolution	**Full HD** 1080p@50/60Hz, **4K** (3840x2160@60Hz), **4K UHD** (4096x2160@60Hz)	
Distance	20mm - 30mm - 40mm - 60mm	
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio	
Optical Source	850nm VCSEL - 50/125 μm Multi-mode glass-fiber	
EDID Transmission	Real Time EDID Transmission	
Type of Fiber	Fiber+Copper Hybrid	
Dimensions (LxWxH)	114@x 25W x 20H(mm)	73@x 25W x 21H(mm)
Weight	From 3.7 lbs	
Power Supply	5V/2A	
Power Consumption	0.3W(Typ)	1.39W(Typ)
Operating Temperature	32° ~ 122°F (0° to 50°C)	
Storage Temperature	-4° ~ 158°F (-20° ~ 70°C) 20~90% RH (no condensation)	

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3 YEARS WARRANTY

HDMI 2.0 | **4K 60HZ 4:4:4 ULTRA HD** | FIBER | HDMI | HDCP | **HD** ready 1080p | RoHS Compliant