

# 4K HDMI Over Fiber + RJ45 Extender

HD2000K

## Products Description

The HD2000K 4K AV-IP Distribution is composed of Transmitter and Receiver to extend and distribute the 4K 30Hz HDMI with IR control signals over Gigabit Ethernet, not only support RJ45 connector but also SFP optical module, so you can send a 4K source to multiple displays without the limitation on quantity and distance. The HD2000K is absolutely the first choice when the installers want to set up a one-to-one or one-to-many digital signage, it's amazing to have the ability connecting displays as many as you want and supporting distance as long as you need.

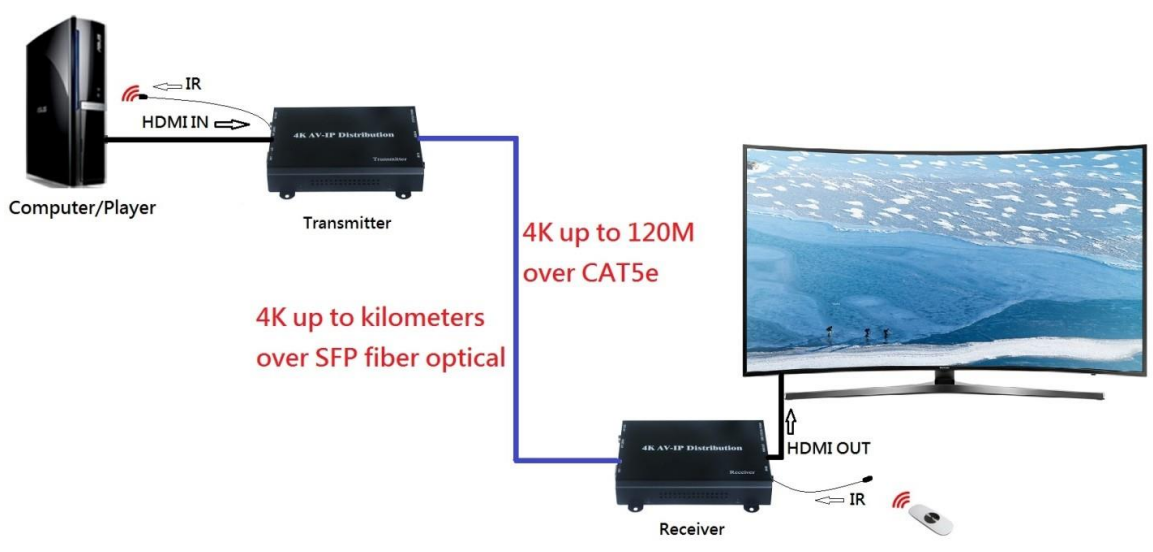
- Transmitter HD2000K-T:



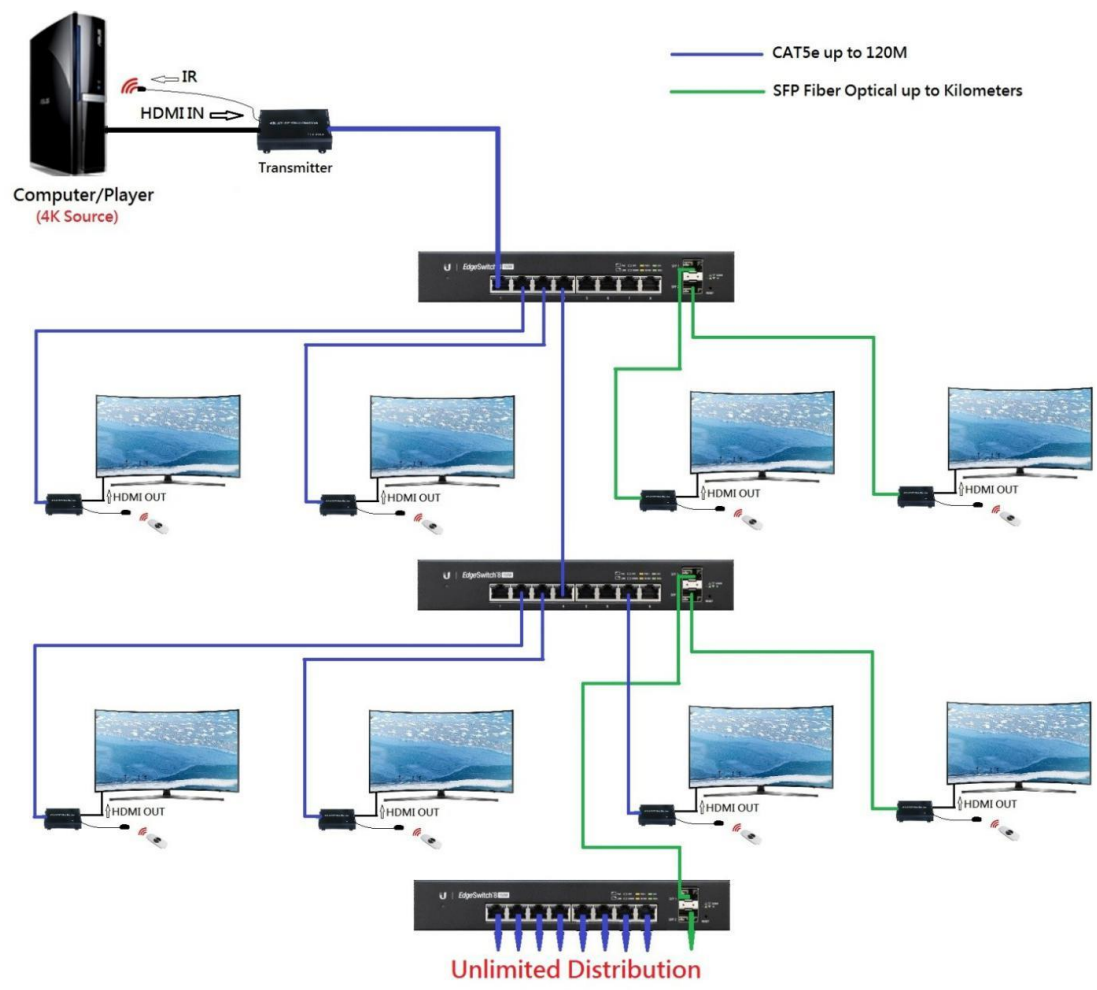
- Receiver HD2000-R:



- One-to-one Direct Connection:



- One-to-many over the Gigabit Ethernet Switch:



- Specifications:

	Transmitter	Receiver
Model No.	HD2000K-T	HD2000K-R
Size	13.3x11x2.5(h) cm, 310g	
Ethernet Port	RJ45*1 & SFP*1	
Protocol	UDP Broadcast	
LAN Bandwidth	850Mbps	
Video Port	HDMI 19 pin type A female	
IR Port	3.5mm	
Audio	HDMI Audio 7.1-CH	
DC Jack (Power)	ψ2.0/DC5~12V	
EDID (Tact Switch)	N/A	Press for 3 sec to copy EDID to TX
Power LED (Green)	<ul style="list-style-type: none"> <li>- ON: power plugged in.</li> <li>- OFF: power unplugged.</li> </ul>	
Status LED (Green)	<ul style="list-style-type: none"> <li>- On 0.25 sec/Off 2 sec: No connection with LAN or partner.</li> <li>- On 0.25 sec/Off 0.25 sec/On 0.25 sec/Off 2 sec: No video input at Transmitter.</li> <li>- On 0.25 sec/Off 0.25 sec/On 0.25 sec/Off 0.25 sec/On 0.25 sec/Off 2 sec: Host has no EDID.</li> <li>- On 0.25 sec/Off 0.25 sec: Working normally.</li> <li>- Always On/Off: System hanged up.</li> </ul>	
Max. Supported Timing	3840x2160x32bpp 30Hz @30fps	
RJ45 Max. Distance	120M (CAT5e) between 2 devices (Host/Client/Ethernet Switch)	
SFP Max. Distance	Depending on the capability of the optical module	
Latency	<80 μs	
Compliance	HDMI 1.4b/HDCP 1.4/RoHS	
Compression Technology	Patented visually lossless video compression algorithm	
Certificate	CE/FCC	
Operating Temperature	0~70°C	
Operating Humidity	10~85% RH (no condensation)	
Storage Temperature	-10~80°C	
Storage Humidity	5~95% RH (no condensation)	