



### HDX80-4K

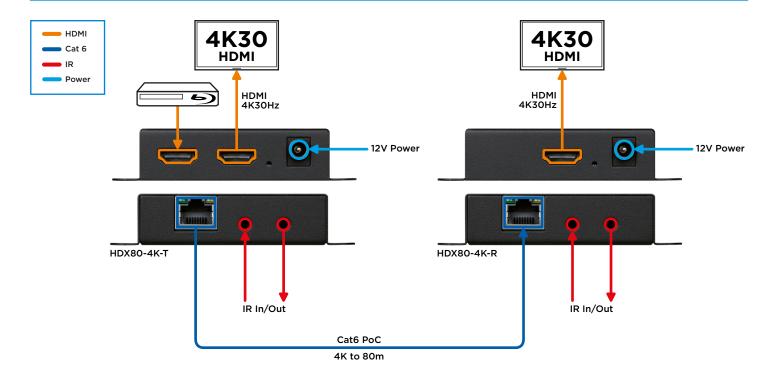
The HDX80-4K is a cost-effective HDMI extender that delivers uncompressed transmission at 4K@30Hz up to 80 meters over Cat6 cable. It features a local HDMI loop-out on the transmitter for use with a preview monitor, making it ideal for simple point-to-point setups. The unit also includes essential features like Power over Cable (PoC), EDID pass-through, and IR pass-through, making it a practical choice for straightforward applications such as classrooms, offices, and digital signage.

## **FEATURES**

- 4K HDMI Extender
- 80m @4K60 4:2:0/4K30 4:4:4
- HDMI loop-out (Transmitter)
- Bi-directional IR

- Supports PoC (Either end)
- · Cool technology ensuring longevity
- Compliant up to HDCP 1.4
- EDID pass-through

### **CONNECTIVITY ILLUSTRATION**



# **HDX80-4K** 80m 4K HDMI Extender over Cat6



# **SPECIFICATIONS**

PART NUMBER	SY-HDX80-4K	
VIDEO RESOLUTIONS/FORMATS	VESA and SMPTE 480p to 2160p All HDMI resolutions up to 3840x2160p @30Hz 4:4:4/60Hz 4:2:2	
BANDWIDTH	10.2Gbps	
HDCP	Compatible with all versions up to 1.4	
HDMI INPUT	HDMI 1.4b	
TRANSMISSION DISTANCE	4K30 4:4:4 - 80m (Cat6a)	
INPUTS TX	<b>Video</b> 1x HDMI 2.0	
OUTPUTS TX	<b>Video</b> 1x HDMI 2.0	Cat Cable 1x RJ45
INPUTS RX	Cat Cable 1x RJ45	
OUTPUTS RX	<b>Video</b> 1x HDMI 2.0	
AUDIO FORMATS	LPCM 2.0, Dolby 5.1, Dolby Digital+ 7.1, DTS 5.1	
CONTROL	IR Pass Through	
POWER SUPPLY	12V DC 1A	
POWER CONSUMPTION	3.24W Max.	
WEIGHT AND DIMENSIONS	Weight (net) 0.162kg Transmitter 0.159kg Receiver	Size (WHD) 74 x 20 x 68mm (97 x 20 x68mm including brackets)
WHAT'S IN THE BOX	1x HDX80-4K-T - Transmitter unit 1x HDX80-4K-R - Receiver unit 1x IR Emitter 1x IR Receiver 1x 12V/1A Lockable PSU 1x User Manual	

# **REGULATORY COMPLIANCE**



 ${\sf SY-HDX80-4K\ Data\ Sheet\ 01.\ Details\ subject\ to\ change\ with\ no\ prior\ notice.\ @SY\ Electronics\ 2025}$