

Xcalibur 11

HX150-11-18G

Extender Pair with RS232, 2x IR & PoC



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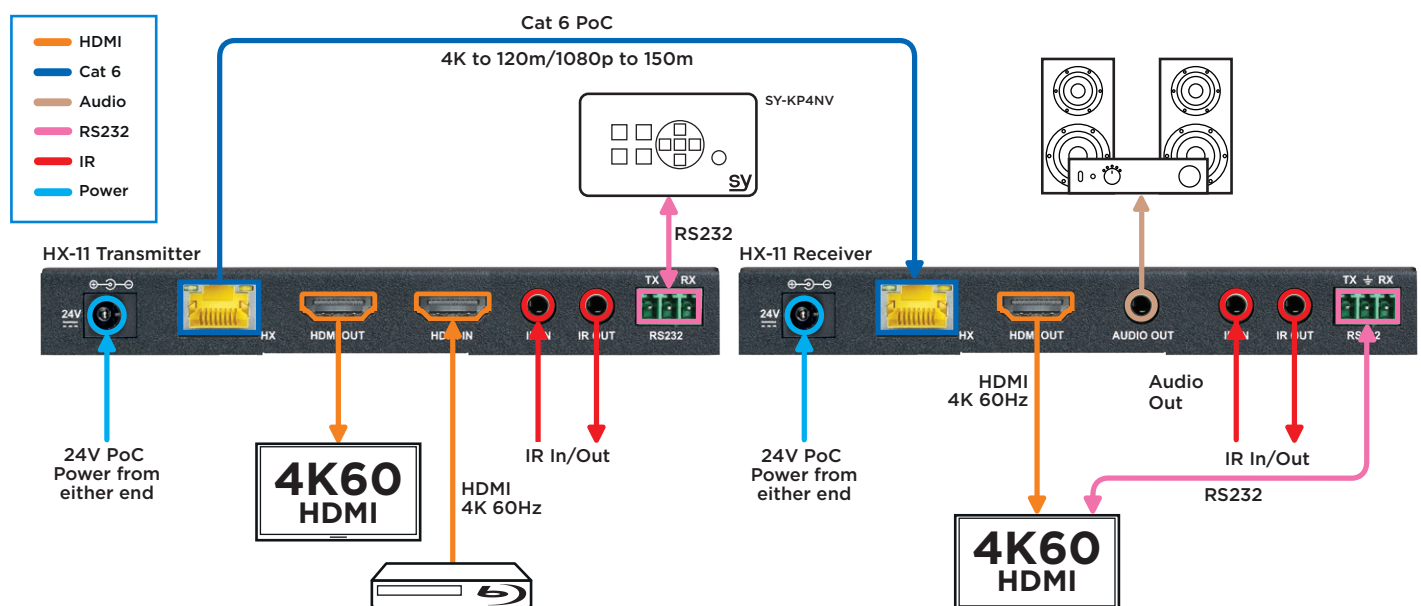
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Designed with the professional System Integrator in mind. This has many features, including transmission of video at up to 4K60 resolution and also Bi-directional IR and RS232 Control, and RS232 Pass Through. Xcalibur can transmit HDMI 2.0 18G signals @ 4K60hz 4:4:4 to 120m and @ 1080p to 150m. Selectable, built-in down-scaler for 4K60 4:4:4 to 1080p, Audio De-embed Output, the Video Keep Alive function maintains video output when there is no signal detected, PoC, Support and management of HDCP 1.4 and HDCP 2.2 or Cascade Mode, and EDID. Test Pattern Generator with Checkerboard or Solid Colour Patterns at 4K60, 4K30 or 1080p.

FEATURES

- **HX Ports for Long Range Reliable Transmission - 4k60 to 120m, 1080p to 150m**
- **HDMI 2.0 - 4K60 4:4:4 - 18Gbps**
- **Down Scaler - 4K to 1080p**
- **Poc - Power from either end**
- **HDCP Management - Discrete control of HDMI & HX ports HDCP 2.2, 1.4, or Cascade**
- **EDID Management - Discrete control of HDMI & HX ports. Pass-through, or user Memory option**
- **Test Pattern Generator - 6 Patterns @ 4K60, 4K30 or 1080p60**
- **Video Keep Alive - Perfect for projectors**
- **Audio Support - HDMI Pass through to 7.1 Ch**
- **Audio De-embedder - via a 3.5 jack as stereo analogue audio**
- **IR Control - Pass-through bi-directional IR ports**
- **RS232 Control - Bi-directional Pass through port**
- **Control and Set up the parameters - via the USB port**
- **CEC Pass-through**

CONNECTIVITY ILLUSTRATION



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SPECIFICATIONS

PART NUMBER	SY-HX150-11-18G-Set	
VIDEO RESOLUTIONS/FORMATS	All HDMI and PC resolutions up to 4K 60Hz 4:4:4	
BANDWIDTH	18Gbps	
HDCP	Supports all version up to 2.2	
INPUTS TX	Video 1x HDMI 2.0	
INPUTS RX	HX 1x RJ45	
OUTPUTS TX	HX 1x RJ45	Video 1x HDMI 2.0
OUTPUTS RX	Video 1x HDMI 2.0	Audio 1x 3.5mm Jack Socket
CONTROL	IR 'Pass-Through' Input and output via 3.5mm jack RS232 via Micro USB	
POWER SUPPLY	24V DC, 1A	
POWER CONSUMPTION	2.75W - Transmitter, 7.25W - Receiver	
WEIGHT AND DIMENSIONS	Weight (net) 0.250kg (each)	Size (WHD) 140 x 18 x 65mm
WHAT'S IN THE BOX	1x HX150-11-18G T 1x HX150-11-18G R 2x Pairs of mounting plates 2x 3-way Screw Terminal Connectors 1x IR Emitter 1x IR Receiver 1x 24V 1A Power Supply 1x User manual	

SY-HX150-11-18G-Set Data Sheet 01.2 Details subject to change with no prior notice. ©SY Electronics 2022