

Xcalibur 11U

HX150-11U-18G

Extender Pair with RS232, 2x IR, PoC & USB



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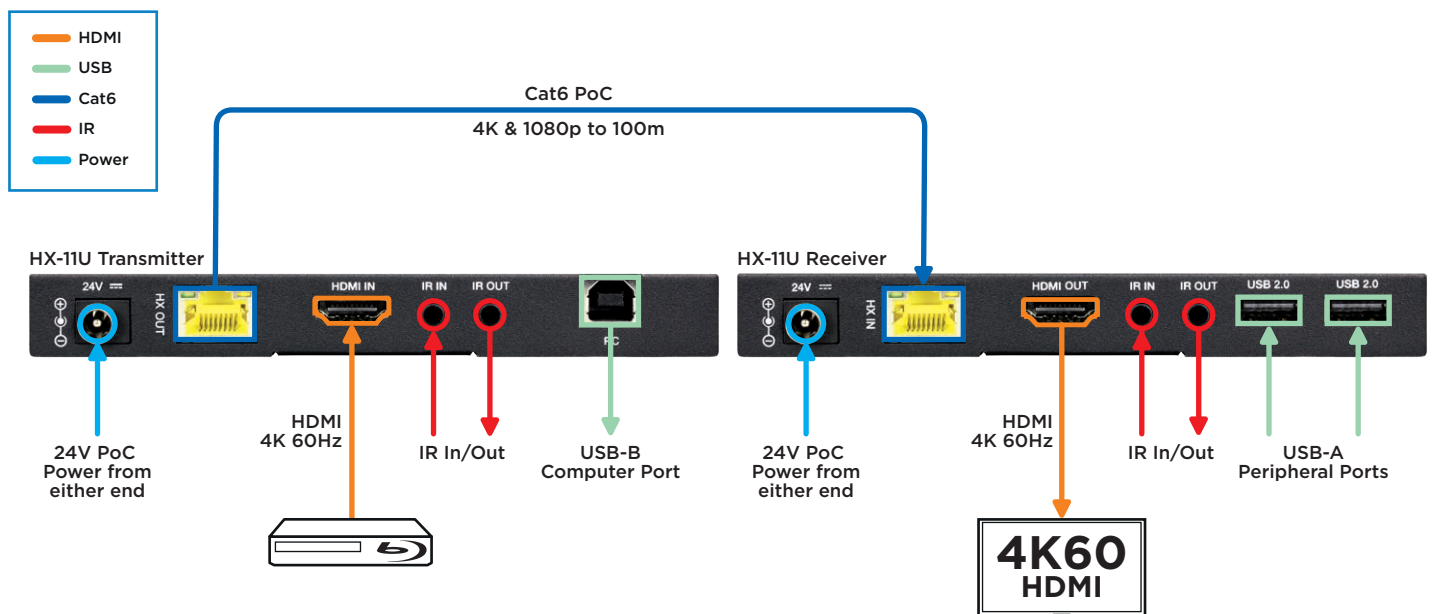
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Using HX technology, Xcalibur 11U can extend HDMI 2.0 (18G) video signals along with USB 2.0 data for use with KVM etc. Transmit HDMI 2.0 (4K60 4:4:4) to 100m over a single Cat6, with Auto Down-Scaling, EDID & HDCP control. The USB 2.0 can handle Video and Audio streaming as well as Keyboard Mouse.

FEATURES

- HDMI 2.0b – Supports up to 4K60 4:4:4 (18Gbps)
- USB 2.0 – Supports all USB 2.0 or below, to 170 Mbps max.
- Supports Bulk, Control, Interrupt, and Isochronous Transfers
- Transmission distance: 4K60 4:4:4 – 100m
- Auto 4K to 1080p intelligent Scaler
- HDCP 1.4/2.2 compliant • Auto HDCP control
- EDID management
- Bi-directional IR
- PoC – Requires only one PSU at the Transmitter or Receiver

CONNECTIVITY ILLUSTRATION



SPECIFICATIONS

PART NUMBER	SY-HX150-11U-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	USB 2x USB-A ports	
OUTPUTS TX	HX 1x RJ45	Video 1x HDMI 2.0	USB 1x USB-B Computer Host port
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 EDID Switch on TX		
POWER SUPPLY	24V DC, 1A		
POWER CONSUMPTION	4.5W - Transmitter, 8.5W - Receiver		
WEIGHT AND DIMENSIONS	Weight (net) 0.250kg (each)	Size (WHD) 140 x 18 x 65mm	
WHAT'S IN THE BOX	1x SY-HX-150U-T-18G Xcalibur 11U Transmitter 1x SY-HX-150U-R-18G Xcalibur 11U Receiver 1x IR emitter cable (1.5m) 1x wideband IR receiver cable (1.5m) 4x mounting plates 8x screws for the mounting plates 1x 24V 1A locking PSU		

SY-HX150-11U-18G-Set Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2022