

4K HDMI KVM Single Cable Extender SVHEU - 150

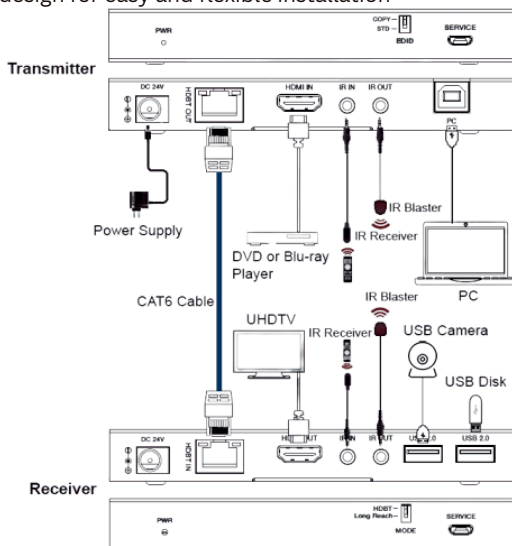
4K/60 UHD (4:4:4) | HDCP 2.2 Compatible

The Solvision SVHEU 150 This 18Gbps HDBaseT Extender can extend HDMI signal, bi-directional IR control signal and USB KVM signal to a distance up to 492ft /150m (Long Reach Mode) via a single CAT6 cable. This product converts HDMI signal to standard HDBaseT signal and transmits it through LAN cable. It can easily control signal source device or display device from the remote end through bi-directional IR signal pass-through function. Video resolution is up to 4K2K@60Hz YUV 4:4:4. It also supports POC function.



Features

- HDMI 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@60Hz YUV 4:4:4
- With Mode DIP switch to select HDBaseT Mode & Long Reach Mode
- HDBaseT Mode:
- USB supports USB 2.0 transmission (support connecting with USB camera, USB flash drive and other devices); the audio & video signal transmission distance can be extended up to 328ft / 100m for 4K60
- Long Reach Mode:
- USB only supports HID (Human Interface Device) device; the audio & video signal transmission distance can be extended up to 492ft / 150m for 1080P or 394ft / 120m for 4K60
- Bi-directional IR signal and USB KVM signal pass-through are supported
- Support bi-directional POC (Power over Cable) function
- Advanced EDID management
- Compact design for easy and flexible installation



Specifications

Technical	
HDMI Compliance	HDCP 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60Hz YUV 4:4:4
USB Compliance	USB 2.0
IR Level	5Vp-p
IR Frequency	Wideband 20K-60KHz
Transmission Distance	HDBaseT Mode:4K60 --328ft / 100m
	Long Reach Mode: 1080P--492ft / 150m; 4K60 -- 394ft / 120m
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
HDR	HDR, DR10, HDR10+, Dolby Vision, HLG
Audio Formats	LPCM7.1CH, Dolby True HD and DTS-HD Master
ESD Protection	Human body model -- ±8kV (Air-gap discharge) &±4kV (Contact discharge)
Connections	
Transmitter	Input:1x HDMI IN [Type A, 19-pin female]
	1x IR IN [3.5mm Stereo Mini-jack]
	1xSERVICE [Micro-USB jack]
	1xUSB [USB-B, 4-pin female]
	Output: 1xHDBT OUT [RJ45]
Receiver	1xIR OUT [3.5mm Stereo Mini-jack]
	Input: 1x HDBT IN [RJ45 with light]
	1x IR IN [3.5mm Stereo Mini-jack]
	1x SERVICE [Micro-USB jack]
	Output: 1x HDMI OUT [Type A, 19-pin female]
	1x IR OUT [3.5mm Stereo Mini-jack]
	2x USB 2.0 [USB-A, 4-pin female]
Mechanical	
Housing	MetalEnclosure
Color	Black
Dimensions	Transmitter/ Receiver:140mm (W)×65mm (D)×18mm (H)
Weight	Transmitter: 245g, Receiver: 249g
Power Supply	DC 24V/1A; Support bi-directional POC function
Power Consumption (Max)	13.2W (Max.)
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20- 90% RH (no condensation)
Certificates	CE,FCC, RoHS,(ISO 9001:2015 14001:2015 ,45001:2018, 27001:2022 -IAF Certified)