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Product

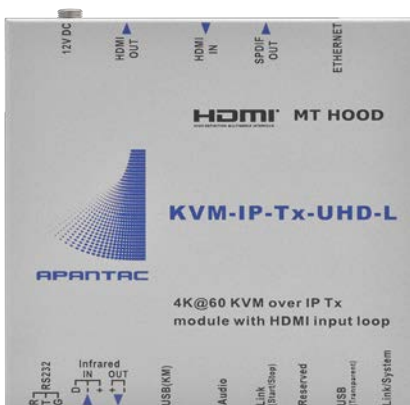
Reference Guide

Multiviewers, Converters, Distribution Amplifiers, Extenders, Scalers, 12G/3G/HD/SD-SDI, Composite, Display Port, HDMI 2.1, 2.0, 1.4, HDBaseT, SDVoE, KVM over IP, KVM, Matrices, openGear, AV over IP, USB and more ...

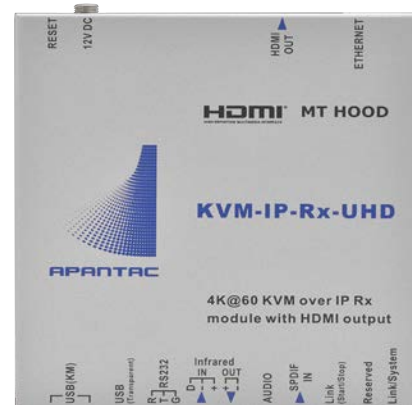
MT Hood KVM Extenders

KVM-IP-Tx/Rx-UHD-L(KVM-SET-18)

KVM (UHD@60Hz) Extenders/Matrix over IP. Based on standard Gigabit Ethernet



KVM-IP-Tx-UHD



KVM-IP-Rx-UHD

Key Features

- Based on Gigabit Ethernet Technology (IGMP and Jumbo frame)
- Supports HDR 10/10+, HDCP 2.2/2.3
- Supports USB 2.0 over IP
- Supports AES 265 encryption
- Low latency of 17 ms for 60Hz, 20 ms for 50Hz
- Transmitter has built-in HDMI looping input
- Supports up to 170 meters point to point extension with CAT6 cable
- Supports up to 100 meters when used with a GigE switch
- Supports HDMI inputs and output signals
- Supports point to point (Unicast), point to multi-point (Multicast) for Audio/Video distribution
- Receiver has 3 USB ports that supports both HID and transparent USB (for USB storage, and tablets)
- Supports analog stereo audio in point to point mode. Both embedded HDMI as well as external stereo input
- Supports RS-232 communication between Tx and Rx
- Built-in web-page for configuration
- Connection manager software - KVM matrix control panel
- Supports resolutions up to UHD @ 60Hz
- Advanced EDID management functionality. Built-in EDID list or EDID from the display
- Built-in Scaler on the receivers
- POE Optional - Hardware option can be included at the time of order

MT HOOD KVM EXTENDERS

KVM-IP-Tx/Rx-UHD-L(KVM-SET-18)

KVM-IP-Tx-UHD



Front View

RS-232
 Infrared In/Out
 1 x USB Type B (Keyboard/Mouse)
 1 x Analog Audio input
 Link Start/Stop button
 Button Reserved
 1 x USB Type B (Transparent)
 Status LEDs

Rear View

Ethernet
 SPDIF output
 HDMI Input
 HDMI Loop out
 1 x 12V DC

Related Products

KVM-IP-Tx-UHD-FL
 4K@60 KVM over IP transmitter with Fiber and copper interface

KVM-IP-Rx-UHD-F
 4K@60Hz KVM over IP receiver with Fiber and copper interface

KVM-IP-Rx-UHD



Front View

2 x USB Type A (Keyboard/Mouse)
 1 x USB Type (Transparent)
 RS-232
 Infrared In/out
 1 x Audio out
 1 x SPDIF In
 Link Start/Stop button
 Status LEDs

Rear View

1 x RJ45 Ethernet In
 1 x HDMI Output
 1 x 12V DC
 Reset

Specifications

Products		KVM-IP-Tx-UHD-L	KVM-IP-Rx-UHD
Video	Input	HDMI 2.0	RJ45 (GigE)
	Output	HDMI 2.0	HDMI 2.0
Analog Audio	Input	3.5 mm Stereo Phone Jack	N/A
	Output	N/A	3.5 mm Stereo Phone Jack
Digital Audio	Input/Output	1 x SPDIF Output	1 x SPDIF Input
USB	Tx Side	USB Type B (Female)	N/A
	Rx Side	N/A	3 x USB Type A (Female)
System Link	Input	N/A	RJ45 (GigE)
	Output	RJ45 (GigE)	N/A
RS-232 Baud Rate		3-pin Phoenix Connector / up to 115,200 bps / Full Duplex	
Video Resolution		Maximum 3840x2160@60Hz	
Interconnect Cable		Standard CAT6/CAT6a/CAT7 network cable	
Maximum Cable Length		170m point to point, 100m when connected to a switch	
Temperatures		Operating Temperature: 0 ~ 50 C, Storage Temperature: -20 ~ 85C	
Environmental Humidity		0 ~ 80% (non-condensing)	
Power / Weight / Dimension		DC 12V, 1.5A. Consumption 400 mA, 835g. 120 x 130 x 34 mm (POE Optional)	