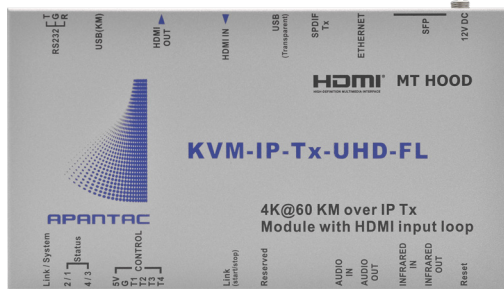


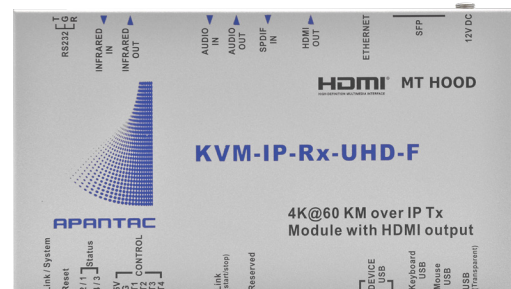
MT Hood KVM Extenders

KVM-IP-Tx-UHD-FL/Rx-UHD-F(SET-19)

KVM (UHD@60Hz) Fiber/Copper Extenders/Matrix over standard Gigabit Ethernet



KVM-IP-Tx-UHD-FL



KVM-IP-Rx-UHD-F

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 256 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 in Copper Mode
- Supports up to 100 meters when used with a GigE switch in Copper Mode
- Supports up to 10 Km in Fiber Mode
- Supports HDMI inputs and output signals
- Supports point to point (Unicast), point to multi-point (Multicast) for Audio/Video distribution
- Receiver has 5 USB-A ports that supports HID, tablets, storage, etc. and one independent USB2.0 link
- 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
- Two Ethernet connections via RJ45 and SFP. When both are active, it can work as redundant network.
- Optional POE. POE and external adapter can also work as redundant power supplies

MT HOOD KVM EXTENDERS

KVM-IP-Tx-UHD-FL/Rx-UHD-F(SET-19)

KVM-IP-Tx-UHD-FL



Front View

Link/System Status
Status LEDs
GPIO (Reserved)
Link Start/Stop
Button Reserved
Audio In/Out
IR In/Out

Rear View

12V DC
SFP Cage with 1GigE fiber SFP
Ethernet
SPDIF Tx
USB Transparent
HDMI In/Out
USB Keyboard and Mouse
RS-232

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-F



Front View

Link/System Status
Reset
Status LEDs
GPIO (TBA)
Link Start/Stop
Button Reserved
Device USB x 2
Keyboard and mouse USB
Transparent USB

Rear View

12V DC
SFP Cage with 1 GigE fiber SFP
Status LEDs
Ethernet
HDMI Loopout
SPDIF In
Audio Out/In
Infrared Out/In
RS-232

Specifications

Products		KVM-IP-Tx-UHD-FL	KVM-IP-Rx-UHD-F
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	5 x USB Type A (Female)
System Link	Input	N/A	RJ45 (GigE) / Fiber SFP
	Output	RJ45 (GigE) / Fiber SFP	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 or LC fiber	
Maximum Cable Length		RJ45: 170m point to point, 100m when connected to a switch. LC fiber: 20km via single mode fiber	
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, 1035g. 197 x 105 x 34 mm (POE Optional)	