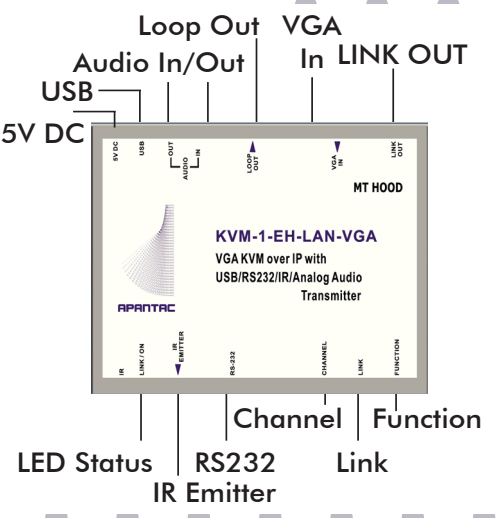# KVM EXTENDERS / RECEIVERS OVER ETHERNET
KVM-SET-12 (KVM-1-EH-LAN + KVM-1-RH-KVM)

- KVM Extender over Gigabit Ethernet network
- Extend HDMI, USB 2.0/1.1, RS-232, bi-directional audio, bi-directional IR over a single cable
- Built-in HDMI loop-out to eliminate the need for a splitter
- Supports bi-directional RS-232 comments at 115,200 baud rate, full duplex
- Receiver unit has 4 USB ports to easily extend peripherals such as flash drives, keyboard and mouse
- Supports HDMI resolutions up to 1920x1080P
- Compatible with HDCP 2.0
- Up to 16 transmitters and 200 receivers on the same network
- Up to 150 meters on CAT5E cables and 180 meters on CAT6
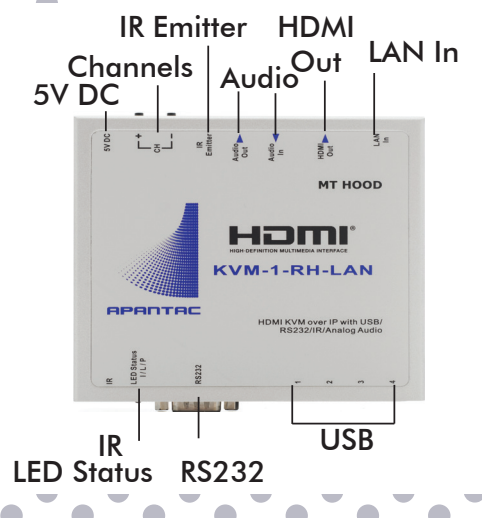- Requires IGMP and Jumbo frame packets Gigabit switch/hub

KVM-1-EH-LAN-VGA
Single-port HDMI/USB/RS232/IR
KVM Extender over Ethernet

KVM-1-EH-LAN
Single-port HDMI/USB/RS232/IR
KVM Extender over Ethernet

KVM-1-RH-LAN
Single-port HDMI/USB/RS232/IR
KVM Receiver over Ethernet

MODEL	KVM-1-EH-LAN-VGA	KVM-1-EH-LAN	KVM-1-RH-LAN
Description	Transmitter	Transmitter	Receiver
Input	VGA (Female)	HDMI (Female)	N/A
Output	VGA (Female)	HDMI (Female)	HDMI (Female)
USB	Type B (Female)	Type B (Female)	Type Ax 4 (Female)
RS-232	DB-9 Female		
IR	3.5 mini Jack x 1		
Audio (Input / output)	3.5 min Jack x 2		
Video Selection	Rotary dial x 1		Tact Switch x2
Function Select button	Tact switch x 2		N/A
Ethernet Connections I/O	1 x RJ45		
Maximum Distance	Within a LAN: 100 meters. Point to point: 150 meter with CAT5E, 180 meters with CAT6		
Maximum Resolution	1080P/1920 x 1200		
Dimension	62 mm W x 113 mm D x 29 mm H		
Power	DC 5V 2000 mA		

Audio
RS-232
IR
USB

CAT6
180 m

KVM-1-EH-LAN

KVM-1-RH-LAN

Illustration of 1 to 1

CAT6
100 m

KVM-1-EH-LAN

Network Switch/Hub

CAT6
100 m

KVM-1-RH-LAN

KVM-1-RH-LAN

Network Switch/Hub

CAT6
100 m

KVM-1-RH-LAN

Illustration of 1 to Many

CAT6
100 m

KVM-1-EH-LAN

Network Switch/Hub

CAT6
100 m

KVM-1-RH-LAN

KVM-1-EH-LAN

Network Switch/Hub

CAT6
100 m

KVM-1-RH-LAN

KVM-1-RH-LAN

CAT6
100 m

Illustration of Many to Many