

Features

- Supports USB2.0 devices
- Supports transmitter DVI local loop output (local KVM interface) with dedicated selection button
- Support full-HD video transmission (1920 x 1200 @ 60HZ)
- Low latency of <1 frame per second
- Supports multi-channel lossless compression audio formats
- Matrix and extension modes
- Drawing and video modes
- Integrated 2-port Gigabit switch
- Virtual IP Matrix function
- On-screen display menu supports screen preview
- RS232 port transmission
- Optional IR wired remote control kit

The Avocent HMX 1080/2080 IP-Based KVM provides the full-HD video with fast switching capabilities. With resolution up to 1920x1200 @ 60Hz, the Avocent HMX 1080/2080 KVM systems offer the right specs for the right price.

The latest Avocent HMX1080/2080 series is an IP-based signal extender, allowing users to remotely transmit DVI video, audio, USB and RS232 signals over an Gigabit network. Comprising of transmitter and receiver units, each device is assigned a unique IP address to prevent KVM transmission losses.

Flexible Architecture

The HMX 1080/2080 offers multiple connectivity options. The receiver and transmitters can be directly connected using CATx cables. Or using the integrated 2-port Gigabit Ethernet switch a single transmitter can be connected to multiple receivers or vice versa. Each receiver can support up to 4 connections.

Virtual IP Matrix

With sufficient bandwidth and network switch ports, an IP matrix architecture can support up to 65,000 receivers in the same network.

Ease of Use

Any receiver terminal in the network can autodetect and configure all the devices in the network.



Technical Specification

	HMX 1080	HMX 2080
Transmitter (TX)	1 x DVI-I input (optional VGA to DVI cable) 1 x DVI-I output (optional VGA to DVI cable) 1 x USB-B input 2 x 3.5mm audio jack (speaker/mic) 1 x DB9F port (RS232 port) Ethernet: 2 x Gigabit	2 x DVI-I input (optional VGA to DVI cable) 2 x DVI-I output (optional VGA to DVI cable) 1 x USB-B input 2 x 3.5mm audio jack (speaker/mic) 1 x DB9 port (RS232 port) Ethernet: 2 x Gigabit
Receiver (RX)	1 x DVI-I output (optional VGA to DVI cable) 2 x USB HID/2 x USB2.0 output 2 x 3.5mm audio jack (speaker/mic) 1 x DB9M port (RS232 port) Ethernet: 2 x Gigabit	2 x DVI-I output (optional VGA to DVI cable) 2 x USB HID/2 x USB2.0 output 2 x 3.5mm audio jack (speaker/mic) 1 x DB9M port (RS232 port) Ethernet: 2 x Gigabit
DC Power Input	5V 3A	5V 3A
Max Video Resolution	Supports 1920 x 1200 @ 60Hz	Supports 1920 x 1200 @ 60Hz
Rack Mount Kit	Optional	Optional
Size	222 mm x 105mm x 44mm	222 mm x 105mm x 44mm
Approvals/Compliance	CE, FCC	CE, FCC

Models

Model	Description
HMXCC1	HMXCC1 KVM over IP Matrix Controller
HMX1080T	HMX Single Screen Transmitter, DVI, USB, Dual Gigabit Ethernet ports
HMX1080R	HMX Single Screen Receiver, DVI, USB, Dual Gigabit Ethernet ports
HMX2080T	HMX Dual Screen Transmitter, DVI, USB, Dual Gigabit Ethernet ports
HMX2080R	HMX Dual Screen Receiver, DVI, USB, Dual Gigabit Ethernet ports