Avocent® HMX 5000/6000/8000



IP-Based High Performance KVM

Features

- Less than a second switching between target computers
- Any-to-Any Matrix configuration
- Multicast 1:1 pixel mapping with instant video transmission
- IP based technology eliminates distance limitations of the past
- USB 2.0 compatibility enables most tablets, shuttle and joy sticks (reference the USB6000 for non supported USB requirements)
- Fully redundant system with auto failover
- Zero-U transmitters require no rack space or power
- Remote access capability
- Single CATx cable or fiber

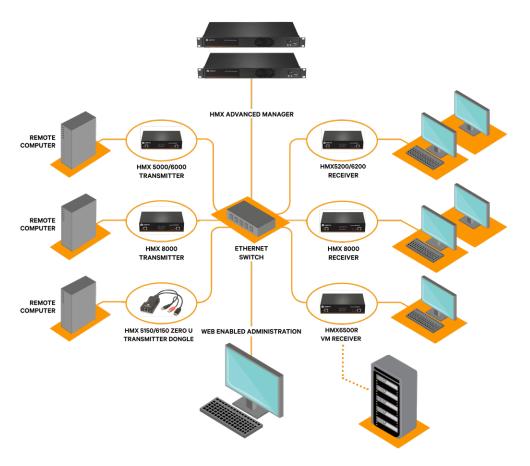
The Avocent® HMX 5000/6000/8000 IP-Based KVM family provides the highest quality video with fast switching capabilities. With resolution up to 4K 60Hz, the Avocent® HMX high performance KVM systems are the leader in the industry.

The Avocent HMX series is the preferred solution for broadcasting, sports venues, post production and many other industries where high resolution and zero latency are required. Furthermore, because they are IP-based, they provide flexibility in locating critical computing hardware in a secure and temperature-controlled environment away from the user work station, while maintaining a flawless desktop experience.

The Avocent® HMX5000 provides video resolution up to **1920 x 1200** @60Hz and offers a zero-U transmitter option for VGA, DVI-D or DP.

The Avocent® HMX6000 provides video resolution up to **2560 x 1600** 60Hz and offers a zero-U transmitter option for HDMI and DP.

The Avocent® HMX8000 offers **4K video** over a single 10Gb fiber connection, along with audio and USB.



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Technical Specification

	HMX 8000	HMX 5000/6000
Transmitter (TX)	2 x DisplayPort,	1 x DVI-D (5100's)
	2 x USB type B	1 X VGA, DVI-D, DP (5150)
	2 x 3.5mm audio jack	1 X HDMI, DP (6150)
	1 x DB9 port	2 x DVID (5200's and 6200's)
	Ethernet: 2 RJ45	1 x USB type B
	2x SFP+ cages (MM or SM Fiber support)	2 x 3.5mm audio jack
		1 X DB9 port
		Ethernet: 2 x RJ45 (VNC access on the 6210T)
		1 x SFP cage (MM/SM Fiber or Copper)
Receiver (RX)	2x DisplayPort,	1 x DVI-D (5100's)
	5x USB type A,	2 x DVID (5200's and 6200's)
	2x 3.5mm audio jack sockets,	4 x USB type A
	1x 3.5mm SPDIF socket	2x 3.5mm audio jack sockets,
	Ethernet: 1 RJ45	1x 3.5mm SPDIF socket
	2x SFP+ cages (MM or SM Fiber support)	Ethernet: 2 x RJ45
		1 x SFP cage (MM/SM Fiber or Copper)
USB	4 ports of USB2.0 with USB True Emulation to support keyboard, mouse and touch. USB device seen as: 7 or 13 port hub	Supports USB 2.0 devices (low, full and high speed). Only 6150T support isochronous devices (e.g. USB audio or video devices) and USB True Emulation natively. The USB6000 device can be added for Isochronous support in other devices.
Max Video Resolution	Supports 4K UHD or DCI and refresh rates to 60Hz	5000 series: 1920x1200 @60 Hz.
	4K video over single 10Gb fiber.	6000 series: up to 2560x1600 @ 60 Hz.
Audio	Analog Line in/out 2 channel 16bit 48KHz 1V RMS in / 1V RMS out	Analog Line in/out 2 channel 16bit 48KHz 1V RMS in / 1V RMS out
Ethernet	10GbE (No 10/100/1000 support)	1 GB Ethernet for Matrix switching access
		10/100 Ethernet for Setup/Administration
Approvals/Compliance	CE FCC, UL, TAA	CE, FCC, UL, TAA











Avocent® HMX 5200T

Avocent® HMX 6200R

Avocent® HMX 6150T-DP

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