

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
- Rack Mount Kit Options (3 in 1U Space)
- Dual SFP for Networking
- Native DP
- Compatibility with other Vertiv Products (RMK-104, RMK-109, 5150T, 5160T and 6150T)

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.

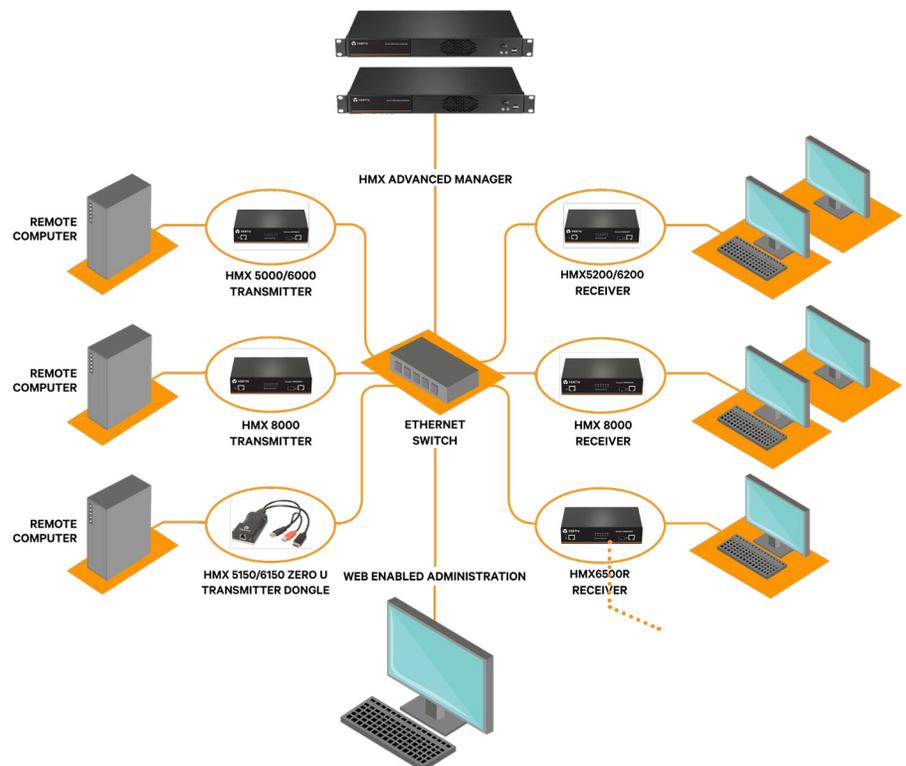
The Avocent HMX series is the preferred solution for broadcasting, sports venues, post production and many other industries where high resolution and zero latency are required. Furthermore, because they are IP-based, they provide flexibility in locating critical computing hardware in a secure and temperature-controlled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

The Avocent® HMX 5000 provides video resolution up to **1920 x 1200 @60Hz** and offers a zero-U transmitter option for VGA, DVI-D or DP.

The Avocent® HMX 6000 provides video resolution up to **2560 x 1600 60Hz** and offers a zero-U transmitter option for HDMI and DP.

The Avocent® HMX 8000 offers **4K video** over a single 10Gb fiber connection, along with audio and USB.

The Avocent® HMX 5000/6000/8000 KVM family can integrate seamlessly with the existing Avocent® Zero-U IP KVM Transmitters (5150T/6150T/5160T). See Vertiv.com for more information.



Technical Specification

	HMX 5000	HMX 6000	HMX 8000
Transmitter (TX)	1 x DVI-D (5100's) 1 x VGA, DVI-D, DP (5150) 2 x DVI-D (5200's) 1 x USB Type B 2 x 3.5mm audio jack 1 x DB9 port Ethernet: 2 x RJ45	1 x HDMI, DP (6200's) 1 x USB Type B 2 x 3.5mm audio jack 1 x DB69 port 2 x SFP cage (MM/SM Fiber or Copper) 2 x Dual Head Display Port	2 x DisplayPort, 2 x USB type B 2 x 3.5mm audio jack 1 x DB9 port Ethernet: 2 RJ45 2x SFP+ cages (MM or SM Fiber support)
Receiver (RX)	1 x DVI-D (5100's) 2 x DVI-D (5200's) 4 x USB Type A 2 x 3.5mm audio jack sockets 1 x 3.5mm SPDIF socket Ethernet: 2 x RJ45 1 x SFP cage (MM/SM Fiber or Copper)	2 x Dual DisplayPort++ 4 x USB Type A 2 x 3.5mm audio jack sockets 2 x SFP cage (MM/SM Fiber or Copper)	2x DisplayPort, 5x USB type A, 2x 3.5mm audio jack sockets, 1x 3.5mm SPDIF socket Ethernet: 1 RJ45 2x SFP+ cages (MM or SM Fiber support)
USB	Supports USB 2.0 devices (low, full and high speed).	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.	4 ports of USB2.0 with USB True Emulation to support keyboard, mouse and touch. USB device seen as: 7 or 13 port hub
Max Video Resolution	1920 x 1200 @ 60Hz	Up to 2560 x 1600 @ 60Hz	Supports 4K UHD or DCI and refresh rates to 60Hz 4K video over single 10Gb fiber.
Audio	Analog Line in/out 2 channel 16bit 48KHz 1V RMS in / 1V RMS out	Analog Line in/out 2 channel 16 bit 48KHz 1V RMS in / 1V RMS out	Analog Line in/out 2 channel 16bit 48KHz 1V RMS in / 1V RMS out
Ethernet	1 GB Ethernet for Matrix switching access 10/100 Ethernet for Setup/Administration		10GbE (No 10/100/1000 support)
Approvals/Compliance	CE, FCC, UL, TAA	CE, FCC, UL, TAA	CE FCC, UL, TAA



Avocent® HMX 5200T



Avocent® HMX 6200T and 6200R



Avocent® HMX 6150T-DP

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