

# 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

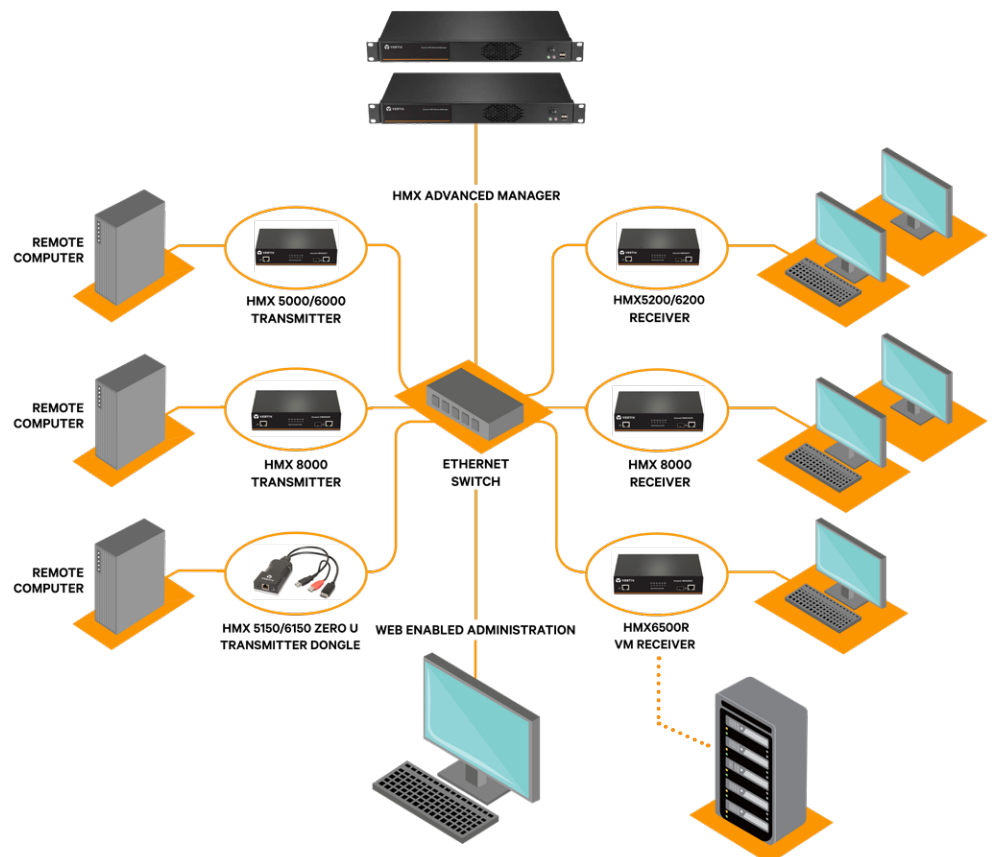
*The Avocent® HMX 5000/6000/8000 IP-Based KVM family provides the highest quality video with fast switching capabilities. With resolution up to 4K 60Hz, the Avocent® HMX high performance KVM systems are the leader in the industry.*

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.



## Technical Specification

|                      | HMX 8000   | HMX 5000/6000  |
|----------------------|--|--|
| Transmitter (TX)     | 2 x DisplayPort,<br>2 x USB type B<br>2 x 3.5mm audio jack<br>1 x DB9 port<br>Ethernet: 2 RJ45<br>2x SFP+ cages (MM or SM Fiber support)                 | 1 x DVI-D (5100's)<br>1 X VGA, DVI-D, DP (5150)<br>1 X HDMI, DP (6150)<br>2 x DVID (5200's and 6200's)<br>1 x USB type B<br>2 x 3.5mm audio jack<br>1 X DB9 port<br>Ethernet: 2 x RJ45 (VNC access on the 6210T)<br>1 x SFP cage (MM/SM Fiber or Copper) |
| Receiver (RX)        | 2x DisplayPort,<br>5x USB type A,<br>2x 3.5mm audio jack sockets,<br>1x 3.5mm SPDIF socket<br>Ethernet: 1 RJ45<br>2x SFP+ cages (MM or SM Fiber support) | 1 x DVI-D (5100's)<br>2 x DVID (5200's and 6200's)<br>4 x USB type A<br>2x 3.5mm audio jack sockets,<br>1x 3.5mm SPDIF socket<br>Ethernet: 2 x RJ45<br>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.<br>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<br>4K video over single 10Gb fiber.   | 5000 series: 1920x1200 @60 Hz.<br>6000 series: up to 2560x1600 @ 60 Hz.  |
| Audio                | Analog Line in/out 2 channel 16bit 48KHz 1V<br>RMS in / 1V RMS out   | Analog Line in/out 2 channel 16bit 48KHz 1V<br>RMS in / 1V RMS out   |
| Ethernet             | 10GbE (No 10/100/1000 support)   | 1 GB Ethernet for Matrix switching access<br>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