Vertiv™ Avocent® HMX 3080/4080

Distributed IP Matrix KVM System

Characteristic

- Distributed IP matrix architecture.

- The switching speed time is less than one second between target computers.

- Multicast 1:1 pixel mapping with instant video transmission.

- Support two-way audio, USB2.0 pass-through transmission, RS232 serial port / IR infrared transmission.

- The built-in SFP port supports fiber optic fiber access.

- Supports Video Wall set up: 2x2, 4x4, and 8x8.

- Supports mouse slide roaming.

- Supports agent push and share function, can be used to monitor the screen push of the large screen.

- Supports group preset. Screen of multiple receivers can be switched with one click.

- PoE (Power Over Ethernet) power supply is supported (selected models).

The new generation Avocent® HMX 3080/4080 is based on IP distributed KVM extender. The HMX 3080/4080 series provides 1080P high-quality image, fast switching, mouse roaming, and video wall functions.

The Avocent® HMX series is suitable for a wide range of business monitoring halls, industrial production lines, and other applications that require high resolution and fast changeovers. The HMX series uses IP transmission to deploy flexibly by allowing users to work in a comfortable working environment away from the workstation.

Mouse roaming

The Avocent® HMX 3080/4080 receiver supports mouse roaming and sliding screen functions. The user can access multiple computers at the same time through a set of mouse and keyboard. The mouse can move arbitrarily within multiple screens, and slide to the edge of the screen to achieve keyboard and mouse switching between multiple computers.

Video wall function

The user can combine multiple monitors into a video wall and group multiple receivers easily to set up different combinations of video wall display layouts.

Distributed IP matrix

The HMX 3080/4080 can establish a virtual IP matrix through the same network, eliminating the need for a manager to switch functions.

Full Redundancy

The HMX 3080/4080 features two Gigabit RJ45 ports and two SFP ports to support dual-link redundancy.
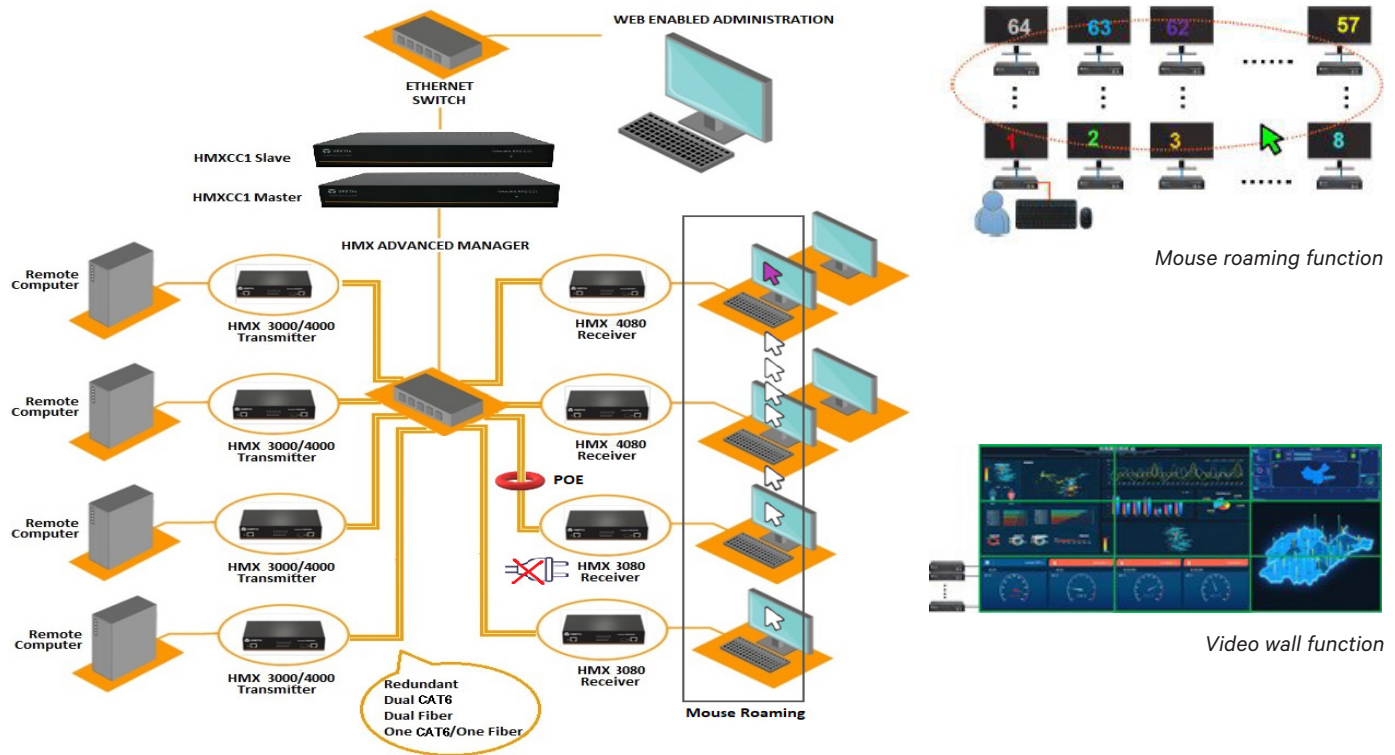
Easy to use

Fully OSD interface; Plug-and-play, no need to set up individually, all the device lists can be automatically obtained and initialized from any receiver.

Avocent® HMX 3080T/R

Avocent® HMX 4080T/R

Mouse roaming function

Video wall function

Technical Specifications

	Vertiv™ Avocent® HMX 3080	Vertiv™ Avocent® HMX 4080
Transmitter (TX)	1 x DVI-D 1 x VGA to DVI-D adapter (Optional) 1 x USB type B (HID , reserved) 1 x USB type B 1 x IR 2 x 3.5mm audio jack 1 x DB9 port (Female) Ethernet: 2 x RJ45 2 x SFP cage (MM/SM Fiber or Copper)	2 x DVI-D 2 x VGA to DVI-D adapter (Optional) 1 x USB type B (HID reserved) 1 x USB type B 1 x IR 2 x 3.5mm audio jack 1 x DB9 port (Female) Ethernet: 2 x RJ45 2 x SFP cage (MM/SM Fiber or Copper)
Receiver (RX)	1 x DVI-I 1 x DVI-D to VGA adapter cables (optional) 4 x USB type A, 2 x 3.5mm audio jack sockets 1 x DB9 port (Male) 1 x IR Ethernet: 2 x RJ45 2 x SFP cages (MM or SM Fiber support)	2 x DVI-I 2 x DVI-D to VGA adapter cables (optional) 4 x USB type A, 2 x 3.5mm audio jack sockets, 1 x DB9 port (Male) 1 x IR Ethernet: 2 x RJ45 2 x SFP cages (MM or SM Fiber support)
USB	Supports USB 2.0 devices (low-speed, full-speed, and high-speed)	Supports USB 2.0 devices (low-speed, full-speed, and high-speed)
POE	HMX 3080TP/HMX 3080RP only	HMX 4080TP/HMX 4080RP only
Max Video Resolution	1920 x 1200 @ 60Hz	1920 x 1200 @ 60Hz
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	1 Gb CAT5e/CAT6 Ethernet or 1 Gb Fiber for Matrix switching access	1 Gb CAT5e/CAT6 Ethernet or 1 Gb Fiber for Matrix switching access
Approvals/Compliance	CE, FCC, BIS	CE, FCC, BIS

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