

HMX™ 1050/2050

User Stations for Desktop over IP Solutions



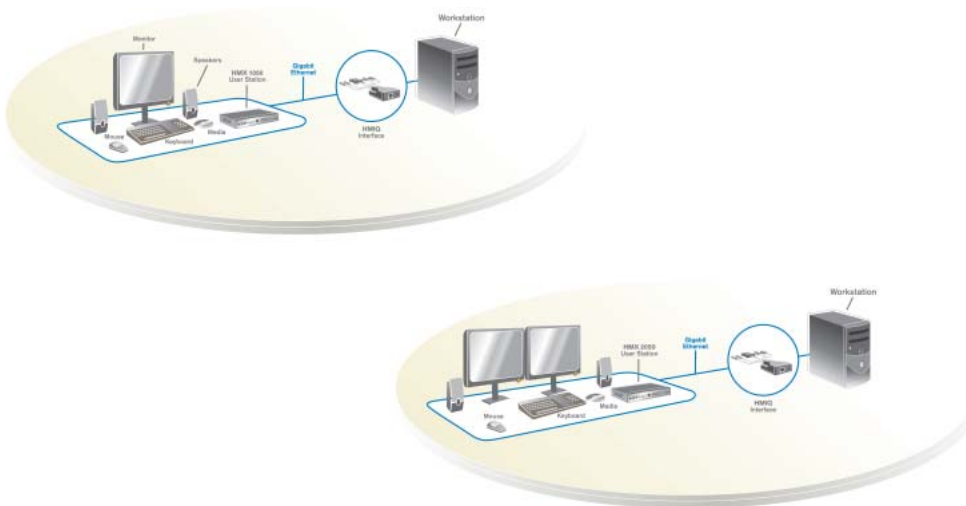
Extend your desktop any distance from the computer over standard TCP/IP using HMX Desktop User Stations

The Avocent Desktop Area Network supports physical separation of computer and user anywhere within the limits of a LAN without compromising the desktop experience. The simple pair of Computer Interface Module and Desktop User Station allows for ease of installation and simple deployment.

User peripherals can be connected to the Desktop Area Network using a number of different Desktop User Stations, depending on the type of peripherals that are to be supported and the preference for desk or monitor mount implementations.

All Desktop User Stations are hardware based and require no software, operating system (OS) or disk at the user desk while providing connection for DVI video, CD audio, USB mass storage and keyboard and mouse. This allows the user to have full access to all of the functions of the remote computer without having the computer on his or her desktop.

The Desktop User Station provides an Ethernet connection to allow for connection to any regular TCP/IP network and communication across the network to a Computer Interface Module. The Desktop User Station receives streamed DVI video, CD audio, full USB 2.0 and keyboard and mouse from the computer using SSL and is encrypted using 128bit AES. This ensures the highest quality user experience, with all the advantages of placing the computer in a remote secure location and zero impact on the hardware, OS or software of the computer.



The hardware-based user station allows a computer to be accessed from anywhere on the network, without the need for software, an OS or disk at the user desk area and without compromising the user experience.

USER ACCESS NODE FEATURES

- **Full Hardware Solution.** All connections to the user desktop peripherals are provided without the need for software, OS, disk or fan
- **DVI Video.** Connects to single or dual DVI or VGA monitors on the user desktop
- **CD Audio.** Connects to the analog CD speakers on the user desktop
- **Quad USB Ports.** Provides connection for four USB devices including keyboard, mouse, mass storage device and any other USB device
- **Dual PS/2.** Provides connection for legacy PS/2 keyboard and mouse. (Single video desktop only)
- **Ethernet Port.** Allows the computer and user to be located anywhere on the 10, 100 or 1000Mbps network with full routing of data across routers, switches and subnets
- **Encryption of Network Data.** 128bit AES encryption of all data passing between the computer and the network
- **Upgradable.** Based on an embedded Linux OS, the device is fully upgradable to allow for future feature enhancements
- **Flexible Mounting.** Small form factor can be used on a desk, mounted directly to the back of a monitor or inside the display device

FEATURES / PERFORMANCE

- **Connections** - 2 x PS/2, 4 x USB, 1 x DVI-I, 1 x stereo speaker socket, 1 x mono microphone socket, 1x RJ45 network
- **Network Speed** - 100 Mbps or 1 Gbps
- **Encryption** - SSL/AES 128 bit
- **Performance** - PS/2 / USB keyboard & mouse, mass storage devices, all other USB peripherals, stereo speakers 16bit 44kHz, mono microphone, video up to 1280x1024@60fps, 100Mbps or 1Gbps network

MECHANICAL

- **Format** - Desktop mounting metal case with external power supply
- **Height** - 1.2" (30 mm)
- **Depth** - 5.2" (132 mm)
- **Width** - 8.5" (210 mm)
- **Unit Weight** - 2.2 lbs (1 Kg)

ENVIRONMENTAL / POWER

- **Operating Temperature** - 32° (0°C) to 104°F (40°C)
- **Storage Temperature** - -4° (-20°C) to 122°F (50°C)
- **Power In** - 100-250VAC @ 1.2A
- **Power Consumption** - 8W

STANDARDS

- **Approvals** - cUL, UL, CE, FCC15 Class A, VCCI

Desktop Dual Video Specifications

HMX 2050

FEATURES / PERFORMANCE

- **Connections** - 4 x USB, 2 x DVI-D, 1 x stereo speaker socket, 1x RJ45 network
- **Network Speed** - 100 Mbps or 1 Gbps
- **Encryption** - SSL/AES 128 bit
- **Performance** - USB keyboard & mouse, mass storage devices, all other USB peripherals, stereo speakers 16bit 44kHz, analog video up to 1600 x 1200@60fps, digital video up to 1920 x 1200@60fps, 100Mbps or 1Gbps network

MECHANICAL

- **Format** - Desktop mounting metal case with external power supply
- **Height** - 1.10 in (28 mm)
- **Depth** - 6.06 in. (154 cm)
- **Width** - 8.19" (208 mm)
- **Unit Weight** - 2.09 lbs (.95 Kg)

ENVIRONMENTAL / POWER

- **Operating Temperature** - 32° (0°C) to 104°F (40°C)
- **Storage Temperature** - -4° (-20°C) to 122°F (50°C)
- **Power In** - 100 - 250VAC @ 1.2A
- **Power Consumption** - 1W

STANDARDS

- **Approvals** - cUL, UL, CE, FCC15 Class A