

## Avocent Data Sheet

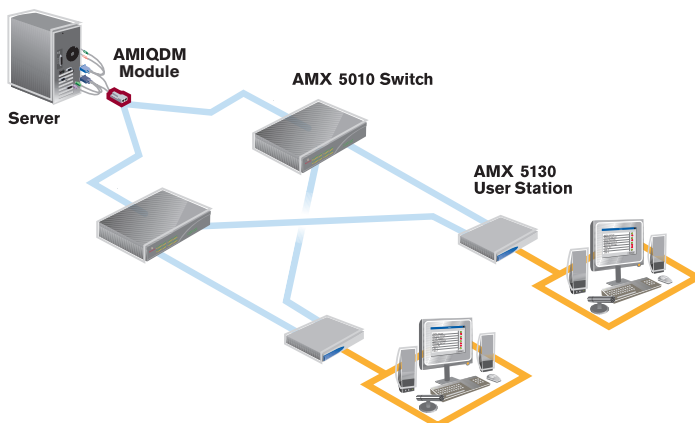
# AMX® 5111, AMX 5121, AMX 5130 Desktop User Stations

**High-quality video and real-time desktop access**

The Avocent AMX analog KVM switching system simplifies access, increases your control and delivers optimal real-time video to your desktop. The user station connects to your multiplatform KVM peripherals (PS/2 or USB) and sends the KVM signals over an industry-standard UTP cable to Avocent AMX 5000, AMX 5010, AMX 5020 and AMX 5030 analog matrix switches. This UTP connectivity and analog switching technology provides multiuser access and control to any server in your KVM matrix system.

AMX user stations automatically compensate for varying UTP cable types and lengths such as CAT-5, CAT-5e and CAT-6, including GigaFlex. The AMX 5121 and AMX 5130 user stations' design adjusts for skew between RGB signals each time a switch is made to a server. The AMX 5130 user station provides for serial switching up to 38.4 Kbps and lets you switch stereo speakers and a microphone.

Avocent user stations work with the patented OSCAR® graphical user interface (GUI) for point-and-click system configuration and server selection. This full-system management tool supports switching in share, private and scan modes.



## Benefits

- Full switching of keyboard, mouse and high-quality video; switching of serial devices (this feature is supported on AMX 5130 user station only)
- Back-rack computers and provide complete access from a single interface
- Simple installation and advanced administrative tools
- Smart cable adaptors for server naming and reconfiguration
- Uses existing UTP cable infrastructure: CAT-5, CAT-5e and CAT-6, including GigaFlex
- Supports diverse applications including demo labs, designer environments, test labs and data centers
- Serial force mode enables serial devices to force any user station to connect to a specific target
- Dual matrix support for AMX switch redundancy

## ORDERING DETAILS

PART NUMBER	MODEL	DESCRIPTION
AMX5111-001	AMX 5111 user station	PS/2 and USB desktop user station with AMIQ-PS/2 module for a local computer connection
AMX5121-001	AMX 5121 user station	PS/2 and USB desktop user station with automatic skew compensation and AMIQ-PS/2 module for a local computer connection
AMX5130-001	AMX 5130 user station	PS/2 and USB desktop user station with automatic skew compensation, audio, serial and AMIQDM-PS/2 module for a local computer connection

## FEATURES

Multiplatform Support	compatible with PS/2, Sun and USB (including PC, Mac and Sun® USB keyboards) servers and serial VT100 devices
Sharper Images	video resolution up to 1024x768 at 1,000 feet; automatically adjusts for signal losses each time a switch is made to a server
Cable Flexibility	automatically compensates for varying UTP cable types and lengths: CAT-5, CAT-5e and CAT-6 including GigaFlex
Graphical Interface	works with patented OSCAR on-screen GUI to assist you with configuration and server selection
Force and Multivideo Mode	supports the Avocent LongView® 1000 extender; ability to add video-only user stations such as a video wall or a second video display for dual-display computers
Interface Support	ships with the AMIQDM-PS/2 or AMIQ-PS/2 server interface module for convenient connections to a local PS/2-based server
Serial Force Mode	enables serial devices such as Creston Controller to force any user station to connect to a specific target
Compatible	with PS/2 and USB keyboard and mouse, including IntelliMouse
Widescreen Video Support	16:9 and 16:10 ratios

### Additional feature for AMX 5121 User Station

Skew Adjustment	adjusts for skew between RGB signals each time a switch is made to a server enabling video resolutions of 1280x1024 at 1,000 feet
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### Additional features for AMX 5130 User Station

Audio Support	provides switching of stereo speakers and mono microphone
Serial Support	provides switching of serial up to 38.4 Kbps

## Specifications

### Mechanical

**Height:** 1.74 in. (4.4 cm)  
**Width:** 10.9 in. (27.9 cm)  
**Depth:** 11.5 in. (29.2 cm)  
**Weight:** 4.41 lbs. (2.0 kg)

### Environmental

**Operating Temperature:** 32° to 104°F  
(0° to 40°C)  
**Storage Temperature:** -4° to 140°F  
(-20° to 60°C)

### Power

**Operating Voltage:** 100-240 VAC  
**Power Frequency:** 50/60 Hz auto-sensing  
**Input:** 25 W max.

### Supported Hardware

#### AMX 5111 User Station

**Computers:** PS/2, Sun and USB  
**Monitors:** VGA, SVGA, XGA, SXGA, up to 1600x1200 @ 75Hz resolution (standard mode) or 1680x1050 @ 60Hz resolution (widescreen mode)  
**Peripherals:** PS/2 keyboard and mouse, USB keyboard and mouse, Microsoft IntelliMouse®  
**RS-232 Serial Port:** User station diagnostics, serial force mode

#### AMX 5121 User Station

**Computers:** PS/2, Sun and USB  
**Monitors:** VGA, SVGA, XGA, SXGA, up to 1920x1440 @ 60Hz resolution (standard mode) or 1920x1200 @ 60Hz resolution (widescreen mode)  
**Peripherals:** PS/2 keyboard and mouse, USB keyboard and mouse, Microsoft IntelliMouse  
**RS-232 Serial Port:** User station diagnostics, serial force mode

#### AMX 5130 User Station

**Computers:** PS/2, Sun and USB with audio and serial  
**Monitors:** VGA, SVGA, XGA, SXGA, up to 1920x1440 @ 60Hz resolution (standard mode) or 1920x1200 @ 60Hz resolution (widescreen mode)  
**Peripherals:** PS/2 keyboard and mouse, USB keyboard and mouse, Microsoft IntelliMouse  
**Audio:** 3.5 mm stereo speakers, 3.5 mm mono microphone  
**RS-232 Serial Port:** User station diagnostics, serial force mode, serial devices (38,400 baud max.)

### Standards

**Safety and EMC Approvals and Markings:**  
UL, FCC, cUL, CE, VCCI, C-Tick

### Warranty

Two Years