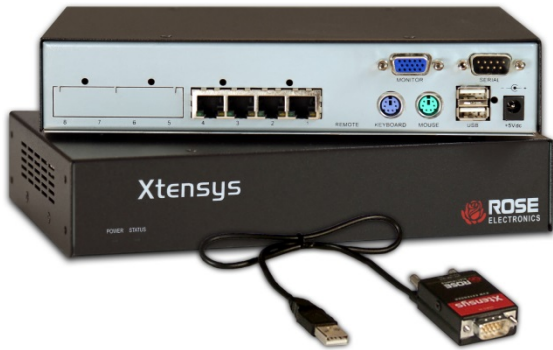


# Xtensys Mini CATx Switch

SINGLE USER CATX KVM SWITCH



## Features and Benefits

- Easy to deploy and set-up and with powerful on-screen menu control
- Computer interface modules are available as PS/2 or USB and powered by the computer
- Locate switches up to 1,000ft (300m) from the computers, linking with CAT5e/6/7 UTP/STP cable
- Automatic equalization and skew compensation for each link cable provides excellent video at a variety of distances
- Supports serial terminal emulation with Unix or Linux computers when the CATx link cable is connected to a serial adapter at the computer
- Switch has a serial port for flash upgrading firmware, and for remote control through serial commands
- Users can switch computer ports by keyboard hotkey commands or by using the on-screen switching menu
- Configuration menu allows creating password protected user accounts with individual access privileges and many other features
- Rack mount kits available for a 19" rack
- Lifetime free flash upgrades
- Designed and manufactured in USA

- ▶ KVM Switch with 1000ft CATx extension
- ▶ Two component system consists of a switch and direct VGA plug-in computer interface modules
- ▶ Single user connects to 2, 4, or 8 PC/Servers
- ▶ Add 2<sup>nd</sup> user by using dual port interface modules
- ▶ Supports VGA video up to 1920x1200
- ▶ Automatic equalization and skew compensation
- ▶ Supports PS/2 and USB keyboard/mouse
- ▶ Extensive on-screen menus for configuration and control

## Product Overview

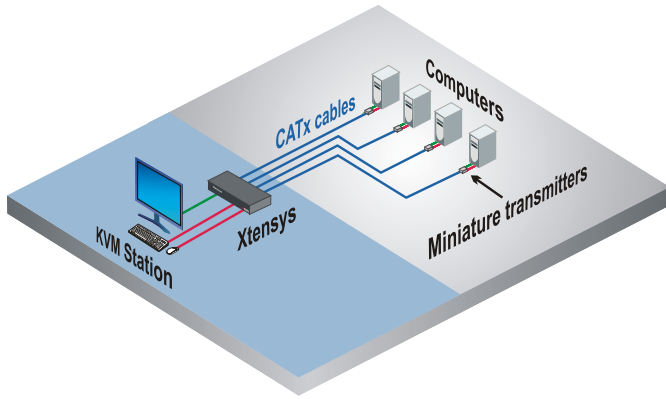
The Xtensys Mini CATx KVM Switch is available in three models, with two, four, or eight computer connections. The product can support both PS/2 and USB keyboard and mouse at the switch and at the computer interface module. The system can automatically translate between PS/2 and USB.

To install the unit, connect a VGA display, keyboard, and mouse to the Xtensys switch. Mount each computer interface module to a computer's VGA HD15 connector and plug in its PS/2 or USB cable to the computer. Then hook up RJ45 CATx cables between the switch computer ports and the adapter. Solid-core UTP or STP cables gives the best video quality. Stranded patch cable is OK, but for shorter distances.

The Xtensys switch supports analog VGA video, ranging from 640x480 to 1920x1200 resolution. The on-screen management software is activated at any time by hot-key, and can be displayed against a blank screen or as transparent overlay on top of the computer video.

All connectors are on one side of the chassis, for easy cable management using the optional rackmount kit.

## Typical Application



The Xtensys Mini CATx KVM Switch is suitable for industrial environments, computer test environments, production lines, data centers, and other applications. Automatic video equalization and skew compensation ensures the clearest possible video image up to a maximum cable length of 1000 feet.

Xtensys XTR-12/U 2-port Switch PS/2 + USB	
Xtensys XTR-14/U 4-port Switch PS/2 + USB	
Xtensys XTR-18/U 8-port Switch PS/2 + USB	
Xtensys XTT-MP VGA/PS2 Computer interface module	
Xtensys XTT-MU VGA/USB Computer interface module	
Xtensys XTT-MU2-2 VGA/USB Dual port Computer interface module	

## Specifications

<b>Dimensions (W x D x H)</b>	8.75" x 5.62" x 1.72" 223 x 144 x 44 mm (1U)
<b>Weight</b>	3 lb. (1.4 kg.)
<b>Power</b>	100-240 VAC 50-60Hz External adapter, 5 VDC, 5A
<b>Resolution</b>	VGA: 1920x1200
<b>Distance</b>	Up to 1000' (300m)
<b>Connectors</b>	<b>Switch:</b> VGA video: HD15F PS/2 keyboard/mouse: Two mini-din6 female USB keyboard/mouse: Two USB type A female Link: 2 x RJ45 jack ( <b>2 port</b> ) Link: 4 x RJ45 jack ( <b>4 port</b> ) Link: 8 x RJ45 jack ( <b>8 port</b> ) Serial: RS232 DB9M Power: Barrel jack <b>Computer Interface module:</b> VGA video: HD15M PS2 keyboard/mouse: 2 x mini-din6 plug USB keyboard/mouse: 1 x USB Type A plug Link: 1 x RJ45 ( <b>Standard</b> ) Link: 2 x RJ45 ( <b>Dual port</b> )
<b>Controls</b>	<b>Switch:</b> Switch by OSD, hot-key, or serial port Power, port select and status LEDs <b>Computer Interface module:</b> Link and data LEDs
<b>Environment</b>	Operating temp: 32°F – 122°F (0°C – 50°C) Storage temp: -13°F – 140°F (-25°C – 60°C) Rel. humidity: 0% – 80%, non-condensing

## Part numbers

<b>XTR-12</b>	Xtensys 2-port Switch, PS/2
<b>XTR-12/U</b>	Xtensys 2-port Switch, PS/2 + USB
<b>XTR-14</b>	Xtensys 4-port Switch, PS/2
<b>XTR-14/U</b>	Xtensys 4-port Switch, PS/2 + USB
<b>XTR-18</b>	Xtensys 8-port Switch, PS/2
<b>XTR-18/U</b>	Xtensys 8-port Switch, PS/2 + USB
<b>XTT-MP</b>	VGA/PS2 CPU interface module
<b>XTT-MU</b>	VGA/USB CPU interface module
<b>XTT-MPU</b>	VGA/PS2&USB CPU interface module
<b>XTT-MP2</b>	VGA/PS2 dual port interface module with 2 RJ45s
<b>XTT-MU2-2</b>	VGA/USB dual port interface module with 2 RJ45s
<b>RM-UM15</b>	Rackmount Kit for 19" rack

**WWW.ROSE.COM** ▪ **sales@rose.com** ▪ **(800) 333-9343**

Rose Electronics ▪ 10707 Stancliff Road ▪ Houston, Texas 77099  
Rose USA (281) 933-7673 ▪ Rose Europe +49 (0) 2454 969442  
Rose Asia +65 6324 2322 ▪ Rose Australia +61 (0) 421 247083

datasheet-xtensys-compact-switch-2017-09-05

 **ROSE**  
ELECTRONICS  
**WWW.ROSE.COM**