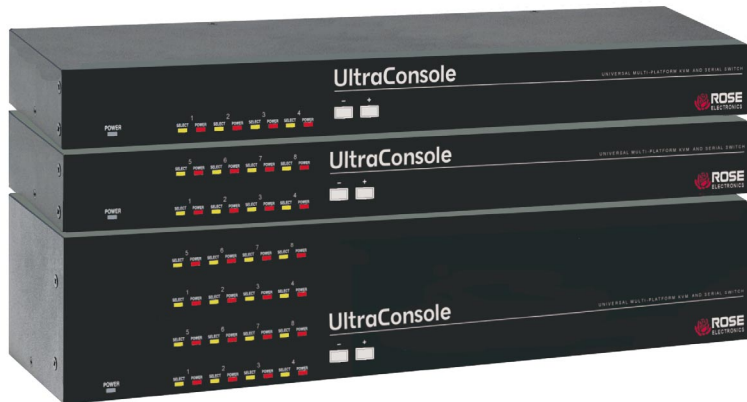


# UltraConsole



## Single user KVM Matrix switch

Connects up to 1,000 computers to a console user station

Fixed port configuration with plug-in expansion cards allows the system to easily be expanded as the system grows

Supports asynchronous serial devices such as Touch-screens and serial printers

Compatible with PCs, Sun, Unix, Linux, and Mac systems

Easy installation and configuration

Available in three models

## Features and Benefits

- Powerful and expandable, yet low cost
- Plug-in expansion cards and the nits modular design make it simple to install, expand, and maintain
- Uses UltraCable for superior cable management with lengths up to 100 feet
- Video resolution up to 1600 x 1280
- Control serial devices from a single KVM station
- Advanced Visual Interface (AVI) on-screen display informs you of connection status between units in an expanded system
- Multi-lingual AVI – English, French, German, Spanish, Italian, Portuguese
- Pre-configuration feature allows installation without powering down servers
- Security system with userID, password, and profile prevents unauthorized configuration and controls computer access
- Status screen displays inter-unit connections, communication, computer power, and other information
- Flash memory with free, lifetime upgrades of firmware maintains compatibility with the latest devices and features

## The UltraConsole Advantage. . .

The UltraConsole Series represents the latest in KVM matrix switching technology at affordable prices. The UltraConsole series allows for a central user station to connect to four, eight, or sixteen computers per chassis, expandable to as many as 1,000 computers or servers.

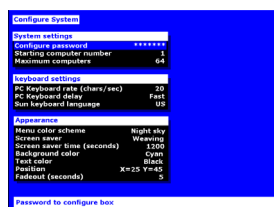
The UltraConsole series is available in three models, 1 x 4, 1 x 8, and 1 x 16. Units easily connect together with bus cables to make a seamless and truly scalable KVM matrix switch.

The advanced distributed design of the UltraConsole uses networking communication technology to reduce cost, eliminate single points of failure, and increase reliability.

The Advanced Visual Interface makes configuring, monitoring, and installation easy with on-screen instructions and help. Use the on-screen display to name computers, select computers, view connections, assign users, and other features.

The UltraConsole provides serial support to access computers, routers, Ethernet hubs, Unix devices and more. The KVM workstation can perform as a 'dumb terminal' with an eight-page scroll buffer.

Local monitor connection, security, flash memory, system status and many other features ensure that the UltraConsole will streamline your data center or server room and provide a central access point for your system.



Configure system menu

## Typical Application



**UltraConsole Models** The UltraConsole KVM matrix switch is available in five models. They have fixed port configuration and plug-in expansion cards. The UC1 models connect a user to 4, 8, or 16 computers. Adding additional units can expand the system to as many as 1,000 computers.

**Cables** Rose's UltraCable streamlines cable connections to UltraConsole, simplifying cable management and improving system reliability. Order the computer or user cable by the computer's KVM connector style and desired length. We stock a large variety of cable types in lengths up to 100 feet. Please specify standard resolution (1024x768 or less) or high resolution (greater than 1024x768). Expansion cables are ordered by length. You need one cable between boxes for every two KVM stations.

**Installation** UltraConsole is easy to install. You simply connect your computers and a KVM to the UltraConsole ports. Configure each switch's address and connect the switches together with the expansion cables. Access the on-screen display with a simple keystroke, configure settings such as CPU names and security, and save it in flash memory.

**Operation** Tailor UltraConsole by configuring the level of security that you desire. You can either auto-assign security settings to a KVM station or require users to log into the switch with a user ID and password. The user profile grants access rights to designated computers and controls other characteristics. Use simple keyboard commands to access computers and view system status. Helpful screen messages indicate the status of all connections. To allow maximum versatility, users can connect in four different modes: view, share, control, and private.

**On-screen display** UltraConsole excels with its on-screen display (OSD) technology. The intuitive interface uses pop-up menus to make selections. User-friendly help lines are shown for each item. The interface can be programmed for English, French, German, Spanish, Italian, or Portuguese. You can easily configure CPU names, security, appearance, screen saver and many other features with ease and style. Use the OSD to connect to computers by name, view connection status, and observe system status in real time.

**Serial devices** The OSD is so powerful that it is actually a color VT220 terminal. You can configure any computer port to be serial. When you connect to a serial device you get a 24x80 screen with two status lines. You can access the serial device just as if you were connected with a terminal. Linux serial ports will show directory lists in color.

**Keyboard and Mouse** UltraConsole fully emulates keyboard and mouse. It works on all major operating systems such as Windows, Solaris, Linux, Unix, SGI, and OS/2. Use any combination of PS/2, USB, and Sun including PS/2 wheel and serial mice. USB (PC, Apple, and Sun) is for the computer side only, not on the KVM side. It is compatible with European and Asian languages.

**Flash Memory** To support the latest devices, UltraConsole contains flash memory. We provide free, lifetime firmware upgrades, available from our FTP site. Using the serial port, load new firmware into the UltraMatrix to support new equipment or add new features.

## Part numbers

Model	CPU ports	RackMount Kit
UC1-1X4U	4	RM-UBnn
UC1-1X8U	8	RM-UBnn
UC1-1X16U	16	RM-UCnn
UC2-1X8U	8	RM-UBnn
UC2-1X16U	16	RM-UCnn

(/En part number suffix = # Expansion cards (1, 2)  
(nn=19", 23", or 24")

## Specifications

Dimensions	4/8 port	16.7"W x 4.85"D x 1.75"H 42.4W x 12.3D x 4.4H (cm)
	16 port	16.7"W x 4.85"D x 3.50"H 42.4W x 12.3D x 8.9H (cm)
Weight	4/8 port	4lbs / 1.8kg
	16 port	8lbs / 3.6kg
Connectors	Power	IEC320
	CPU/KVM	DB25F
	Expansion	DB15M/F
	RS232	RJ12 (6-pin)
Power		90 - 240 VAC, auto-switching,
Video bandwidth	1 x 4 / 1 x 8	250MHz
	1 x 16	100MHz
Video sync		HV sync, composite, sync-on-green
Controls		Lighted power on/off switch
Indicators		Chassis Power, CPU select, CPU power
Chassis		Electro galvanized steel, black powder coated
Environmental		0°-45°C, 5%-80% non-condensing RH
Approvals		FCC, VCCI, UL, cUL, TUV, CE



Rear View - 1x4, 1x8, 1x16

