UltraView Pro

- ► Analog video resolution up to 1920 x 1200
- ► User can connect up to 256 computers
- ► Optional audio and touch-screen support
- ► Units can be linked together to form multi-head video and for expansion
- ► Switching can be done from front panel, serial port, hot-key, or OSD
- ► Available in 2, 4, 8 and 16 port models
- ► Steel chassis, ideal for industrial applications

Features and Benefits

- Available in three chassis sizes:
  - 2 or 4-port (M chassis)
  - 4 or 8-port (B chassis)
  - 4, 8, 12, or 16-port (C chassis)
- Uses UltraCable™ for superior cable management with lengths of up to 100ft (30m)
- On-screen menu for configuration and computer selection
- Security system with configuration and user passwords prevents unauthorized configuration and user access
- Switch computers from your keyboard, front panel, on-screen menu, or RS232 port
- Multi-platform models convert PC, UNIX, Apple, or Sun keyboard and mouse data to any platform, Multi-Platform models also support audio or serial pass through (Touchscreen)
- Pre-configuration feature allows installation without powering down servers or computers
- Free firmware upgrades and UltraView Pro software features available at www.rose.com
- Rack mount kits fit 19", 23", and 24" sizes
- Made in USA

Product Overview

UltraView Pro represents the latest state-of-the-art technology in KVM switching. UltraView Pro is today's solution for server management. The simple-to-use on-screen menu of the UltraView Pro provides fast and easy access to any computer. This makes for easy management of your computer system.

Available in PC/UNIX or multi-platform, the single UltraView Pro chassis can be expanded up to 16 ports. Regardless of your KVM needs, you will find that the UltraView Pro meets your system growth requirements.

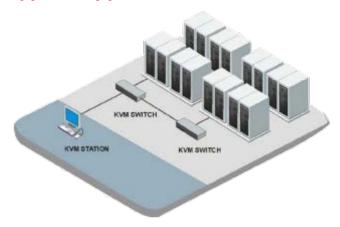Multi-platform models support PC, Apple ADB, Sun, USB, and UNIX computers.

Multi-platform models also support PS/2, Apple ADB, or Sun keyboards and mice. When the time comes to add more computers, rest assured that the UltraView Pro can be easily expanded by chaining the units together.

When using the 16-port units, you can expand the UltraView Pro to 256 computers.

With its advanced on-screen menu system, built-in security, flash memory, easy expansion, front panel controls, and other features you start to get a sense of the UltraView Pro advantage.

ROSE ELECTRONICS

WWW.ROSE.COM

Typical Application

UltraView Pro Models   Designed to offer flexibility, UltraView Pro™ is available in several different models. There are three different chassis sizes and two different platform types. Choose the chassis based upon the number of computers you will be using. The multiplatform model is the most versatile. It will convert any keyboard and mouse to any other. It has direct support for PC, Apple, Sun, and UNIX workstations. The PC models work with all standard PC and UNIX workstations with PC-style keyboard and mouse connectors. The C chassis models are expandable with plug-in cards. UltraView Pro chassis can be chained together to support up to 256 computers.

Installation   UltraView Pro is easy to install. You simply connect each computer to the UltraView Pro using the Rose UltraCable. Access the on-screen display with two consecutive keystrokes, the left control and F12 key. You'll be impressed by the appearance and simplicity of the menus. Configure settings as desired, save the results in flash memory, then select any attached PC.
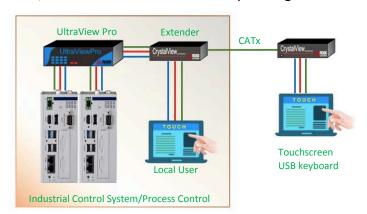
Cables   Rose's UltraCable streamlines the cable connections to the UltraView Pro, simplifying cable management and improving system reliability. Order the computer or user cable by the computer's KVM connector types and desired length, up to 100 feet (30m). You should specify standard resolution (800 x 600 or less) or high resolution (greater than 800 x 600)

Keyboard and Mouse   UltraView Pro provides full emulation of the keyboard and mouse; computers can be booted at any time. It supports all operating systems such as Windows 95/98/NT/XP/2000, Linux, Sun Solaris/Open Windows, Apple, and UNIX workstations. Keyboard and mouse can be PC, Apple, or Sun. Six types of computer mice are directly supported including wheel mice. USB is supported with an external converter cable. Apple and Sun are supported on multi-platform units only.

Advanced On-Screen-Menu system   UltraView Pro excels with advanced on-screen display technology. The intuitive interface uses pop-up menus to make selections. Help lines are shown for each item to make the interface even more user-friendly. You can easily configure the computer names, security, appearance, screen saver, and many other features with ease and style. Use the onscreen menus to configure the unit, connect to computers by name, and see which computer you are connected to.

Ease of control in industrial applications
Using shielded data cable, screw-lock connectors, serial touchscreen interface and a metal chassis, the UltraView Pro is the preferred industrial KVM switch used by system integrators and process control manufacturers worldwide. Industrial printing systems, stamping machines, assembly lines, test stations and hazardous operating

environments all use the proven UltraView Pro touchscreen technology for robust and stable operation.
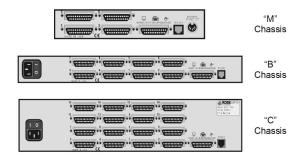
Serial touchscreens with VGA video up to 1920x1200 and USB or PS2 keyboard and mouse control are all supported. A single user interface is normally terminated on the operator control panel of the industrial equipment. If a second remotely located operator needs access to the system, simply connect a Rose CrystalView extender over CATx or Fiber cable and you can have two users sharing the same system.

Part numbers

UPM-2UB/SW	2 port M chassis, PC platform *
UPM-4UB/SW	4 port M chassis, PC platform *
UPB-4UB	4 port B chassis, PC platform
UPB-8UB	8 port B chassis, PC platform
UPC-4UB	4 port C chassis, PC platform
UPC-8UB	8 port C chassis, PC platform
UPC-12UB	12 port C chassis, PC platform
UPC-16UB	16 port C chassis, PC platform
UEM-2UB/SW	2 port M chassis, Multi-platform *
UEM-4UB/SW	4 port M chassis, Multi-platform *
UEB-8UB	8 port B chassis, Multi-platform
UEC-4UB	4 port C chassis, Multi-platform
UEC-8UB	8 port C chassis, Multi-platform
UEC-12UB	12 port C chassis, Multi-platform
UEC-16UB	16 port C chassis, Multi-platform
(*)	Kit includes an external +5V PSU
RM-UM19	19" Rackmount kit for M chassis
RM-UB19	19" Rackmount kit for B chassis
RM-UC19	19" Rackmount kit for C chassis
Commonly Ordered Cable Part Numbers	
CPU Cables	
CAB-ZX0606Cnnn	UltraCable, 5/10/20ft, VGA/PS2
CAB-CX0606Cnnn	UltraCable Hi-Res, 5 to 100ft, VGA/PS2
CAB-CX060609Cnnn/S3	UltraCable Hi-Res, 5 to 100ft, VGA/PS2/DB9 for serial touchscreen
CAB-CXUSBCnnn	UltraCable USB, 5 to 100ft, VGA/USB
User Cables	
CAB-ZX0606Mnnn	UltraCable, 1/5/10/20ft, VGA/PS2
CAB-CX0606Mnnn	UltraCable Hi-Res, 5 to 100ft, VGA/PS2
CAB-CX060609Mnnn/S3	UltraCable Hi-Res, 5 to 100ft, VGA/PS2/DB9 for serial touchscreen
CAB-CXVUSBMnnn	UltraCable USB, 5 to 20ft, VGA/USB
/nnn	Stock cable lengths are 1, 5, 10, 20, 35, 50, 75 and 100ft. Add to cable part number in this format (5ft = 005)
Other SUN, Apple and Audio cables are available from Rose Electronics upon request	

Options To locate your computer or KVM further than 20ft (6.0m), use our coax high-resolution cables, ViewLink™ extenders, or CrystalView™ extenders to go as far as 1,000ft (300m) using CATx or 6.2 miles (10km) using single-mode fiber cable.

"M" Chassis
"B" Chassis
"C" Chassis

Standard UltraView Pro rear chassis profile

Specifications

Dimensions - M Chassis - B Chassis - C Chassis	(W x D X H) 8.8 x 4.85 x 1.75" (223 x 123 x 44mm) 1U 16.7 x 4.85 x 1.75" (424 x 123 x 44mm) 1U 16.7 x 4.85 x 3.5" (424 x 123 x 89mm) 2U
Weight	2/4 port chassis 4lbs (1.8kg) 8-port B chassis 6lbs (2.7kg) 4/8 port C chassis 7lbs (3.2kg) 12/16 port C chassis 8lbs (3.6kg)
Connectors	CPU/KVM connectors – DB25 female RS232 serial – RJ12 (6-pin) Power 2/4 port M chassis, DIN 5 Power 4/8/16 port – IEC 320 receptacle
Resolution	VGA to 1920 x 1200
Bandwidth	250MHz
Video Sync	Accepts HV, composite, sync-on-green
Controls	OSD, Front panel button, hot-keys and serial port for CPU selection Next computer: push button (+) Previous computer: push button (-)
Indicators	4-16 CPU select red LEDs 4-16 computer power green LEDs 1 power LED
Power	100-240VAC, 50/60HzM Chassis: external adapter, 5V, 2A, 15W B/C Chassis: internal PSU, B Chassis 25W, C Chassis 30W
Temperature	Operating: 0 - 45 °C / 32 - 113 °F
Humidity	5% - 90% non-condensing (RH)
Approvals	UL, FCC, CE, TUV, VCCI-A, CB, cUL
Chassis	Electro-galvanized steel, powder coated