

# UltraLink™



## Remote KVM access over IP

High-quality video up to 1280 x 1024

Very easy to install and operate

Secure encrypted operation

Scaling, scrolling, and auto-size features

Compatible with most KVM switches

Available in single, dual, or quad models

## Features and Benefits

- Available in single, dual, and quad models
- Local KVM port for configuring the UltraLink and direct local access to the computer of KVM switch
- Connect to a remote computer, server, or KVM switch directly, over a network, or by dial-up
- Resolution up to 1280 x 1024 @ 85hz
- Solid-state embedded unit for maximum reliability
- Compatible with all Rose Electronics KVM products and other KVM devices
- Easy to install and configure
- Scaling of computer images reduces the amount of data sent and permits fast screen updates over slow links (Modes: scaled, scrolled, or full-screen)
- Quad screen mode allows you to view four servers from one screen
- Password security prevents unauthorized unit and viewer configuration
- User ID and password required for remote access
- Remote client application is simple to install, use, and requires no client licensing
- Front panel shows power and current connected input port (Network, serial, or local KVM)
- Free base firmware upgrades are available from our web site. Provides new features and support of the latest devices
- Flash memory technology
- One-year limited warranty

## The UltraLink™ Advantage . . .

UltraLink sets a new standard for the remote management of server room environments. It allows you to access your computers and servers locally, across your network, or by dial-up from anywhere in the world. Connect the unit to a Rose Electronics KVM switch and you now have access to as many as 1,000 computers or servers.

The UltraLink is easy to install and configure. Connect the unit, assign an IP address and install the remote viewer software and it's ready to use.

The sophisticated scaling feature allows you to position any size image of your server's video anywhere on your screen. With this feature, you can monitor servers while working on other tasks in another window.

The more powerful workstations can connect to multiple UltraLinks and display each connection in a quad screen window.

The dual and quad models contain two of four completely independent units in a rack mountable chassis. Typically, the dual and quad models are connected to a KVM switch. This provides multiple users' remote access to the servers.

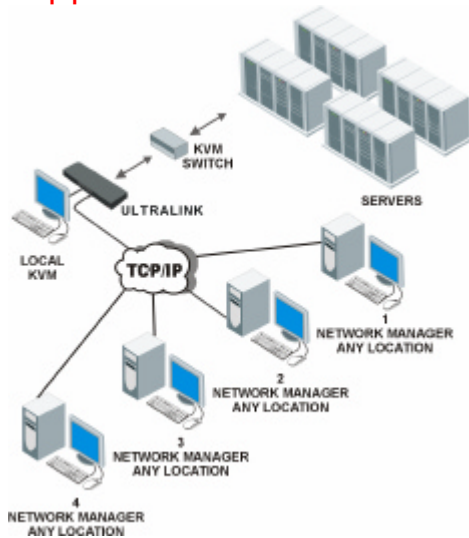
The remote client viewer program is designed to simplify accessing the remote computers. Using a pull-down menu, select the UltraLink to connect to and click on the connect icon. After completing the secure login, you will see a beautiful, high-quality image of the remote computer.

Video resolutions up to 1280 x 1024 are supported for access not only to PC's but also other high-resolution computers.



Viewer in the Quad screen mode

## Typical Application



**Introduction** The UltraLink is a versatile and powerful product that extends the range of access to your computers and servers to anywhere in the world. Its advanced design makes it compatible with most KVM switches and computers.

**Installation** The UltraLink is very easy to install and configure. Just connect the unit to your network, a local KVM station, and a computer or KVM switch. Assign an IP address to the unit and you're done. Next, run the remote client viewer program on a network workstation. Enter the UltraLink's assigned IP address and other configuration parameters, save it, and the workstation is ready to access the UltraLink.

**Operation** All access to the UltraLink is through the remote client viewer. Drop-down menus provide a selection list of multiple UltraLink locations that can be connected to. Once connected, you will see the computer's video and have complete control over that computer.

**Viewer windowing** The remote client viewer can be adjusted to any size. This feature allows you to place a scaled viewer's image in the corner of your screen and monitor a server while working on other tasks in another window.

**Security** The UltraLink is designed with the highest regard for security. Remote access requires a user ID and password. All transmissions to and from the viewer and UltraLink are encrypted with the latest SSL technology. Login timeout and lock out for repeated attempts to enter the password add to the security of the system.

**Quad screen mode** With the UltraLink connected to a KVM switch, you can view four servers at one time. The four connected servers are viewed in real time and are automatically scaled to fit their assigned quadrant in the viewer screen.

**Color modes and resolution** Full 16-bit color video is supported. You can view the video in black and white, gray scale, color, or use progressive color rendering.

**Mouse cursor** The UltraLink uses a one-mouse cursor system in a very intuitive style to access the remote connection or an application on your desktop.

**Video resolution** Unlike other products, the UltraLink automatically adjusts to the connected computers video. It supports a video resolution up to 1280 x 1024 @ 75Hz which allows you to access the standard Sun computers resolutions.

**Flash memory** To support the latest devices and provide continuing features and support, UltraLink contains flash memory. We provide free lifetime firmware upgrades from our web site at [www.rose.com](http://www.rose.com).

### Part Numbers

UL-LV3	Low-cost Single access unit
UL-V3	Single access unit
UL-DV3	Dual access unit
UL-QV3	Quad access unit
RM-UMnn	Rack mount kit for UL-LV3
RM-UBnn	Rack mount kit for 1U chassis
RM-UCnn	Rack mount kit for 2U chassis (nn = 19", 23", or 24")
CAB-CXVSMM005	5' UltraLink to KVM switch cable (provided)
CAB-CX0606C005	5' UltraLink to CPU cable (provided)
CAB-CXVMM1	Video loop cable (provided with UL-V3 model)

### Specifications

Dimensions	Model	Width	Depth	Height	Weight	
	UL-LV3	8.90 22.6	8.40 21.3	1.75 4.40	in cm	4.10 lbs 1.86 kg
	UL-V3	16.7 42.4	9.70 24.6	1.75 4.40	in cm	8.00 lbs 3.60 kg
	UL-DV3	16.7 42.4	9.70 24.6	1.75 4.40	in cm	9.00 lbs 4.10 kg
	UL-QV3	16.7 42.4	9.70 24.6	3.50 8.90	in cm	11.0 lbs 5.00 kg

Power	Auto Switching, 90 - 240 VAC, 130 watts
Connectors	Power: IEC 320 standard receptacle Local KVM: Video - HD15F Keyboard - MD6F Mouse - MD6F Switch or computer : DB25F Ethernet port: RJ45 Serial port: DB9M
Video bandwidth	150Mhz
Chassis	Electro galvanized steel, black powder coated
Controls	Power On / Off Switch
Indicators	LEDs: Power, Net, Serial, Local, Ethernet link, 10/100MB Ethernet speed
Environmental Approvals	0° - 45°C / 32° - 113°F, 5 - 80% non-condensing RH FCC, UL, cUL, TUV, CE, VCCI



UL-LV3 / UL-V3 / UL-DV3 / UL-QV3