EL4500 KVM Extender
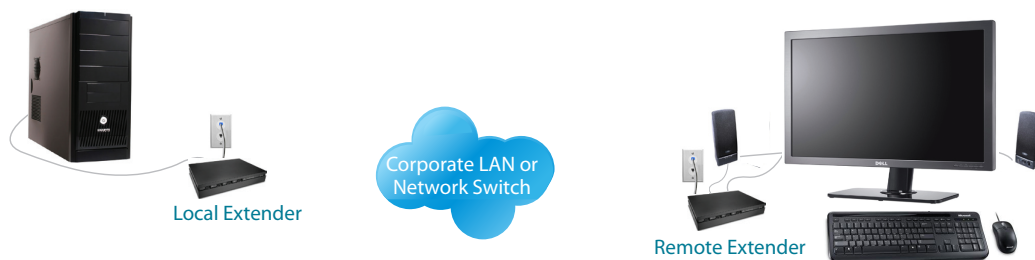
Dual Mode — DVI, Audio, and USB 2.0

The dual mode EL4500 KVM Extender, powered by Extreme*Link*™ Technology, allows the user to position a computer remotely from the work area over a single Cat 5 (or better) cable or connection over a Local Area Network (LAN) using Rapid Pairing Protocol™ for easy, plug and play installation.

Applications include security, medical, interactive digital signage and industrial environments where the computer must be remotely accessible.

Key Product Features

- **HD Video:** 1680x1050 resolution, 24-bit color depth. Resolution does not degrade with distance.

- **Direct Connect:** Directly connect the local extender to the remote extender using a single Cat 5 (or better) cable up to 330 ft (100m). This mode of operation is ideal for installations requiring USB 2.0 up to 480Mbps.

- **Rapid Pairing Protocol™:** Allows for connection on a LAN or through a network switch. The system can be utilized on virtually any Ethernet network since it operates at Layer 2 and uses MAC addresses. There is no additional overhead or setup since it doesn't use the TCP/IP layer and typical network usage can be as low as 50Mbps

- **Audio:** Integrated two channel audio with microphone and headphone I/O.

- **OS Support:** Compatible with all operating systems. No drivers required.

- **Rack Mountable:** Allows for up to two units to be mounted in a 19"/1U rack mount kit.

Local Extender

Corporate LAN or Network Switch

Remote Extender

EL4500 Specifications

VIDEO PERFORMANCE

Video:	1680x1050 resolution, 24-bit color depth
Video Latency:	Less than 60ms
Reach:	LAN - With Rapid Pairing Protocol™
	WAN (Wide Area Network) not supported
	100 m (330 ft) Direct Connect
Interconnection Cable:	Standard Cat 5 (or better) cable

LOCAL EXTENDER

Video:	DVI-D Video Input (24-pin connector)
USB:	1 x USB Type B
Dimensions:	4.4" x 6.9" x 1.18" (112mm x 175mm x 30mm)
Power:	5V, 3A DC (15W)

REMOTE EXTENDER

Video/Audio:	DVI-D Video Output (24-pin connector)
Audio:	3.5mm microphone in, 3.5mm headphone out
USB:	3 x USB Type A
Dimensions:	4.4" x 6.9" x 1.18" (112mm x 175mm x 30mm)
Power:	24V, 1A DC (24W)

ENVIRONMENTAL

Operating Temperature:	0°C to 50°C
Storage Temperature:	-20°C to 70°C
Operating Humidity:	+20% ~ 80% (non condensing)
Storage Humidity:	+10% ~ 90% (non condensing)

CERTIFICATIONS

EMC:	FCC Part 15 Class A, CE, ICES003 Class A, EN 55022, EN 55024
Compliance:	RoHS

Ordering Information

PART NUMBER	NAME	DESCRIPTION
		EL4500 systems include a Local Extender, a Remote Extender, a USB cable, a DVI cable and two International power adapters with country specific power cord.
00-00289	EL4500-NA	Dual Mode - DVI, USB 2.0 Extender System, 100-240V Power Adapter, NA plug
00-00290	EL4500-EU	Dual Mode - DVI, USB 2.0 Extender System, 100-240V Power Adapter, EU plug
00-00291	EL4500-UK	Dual Mode - DVI, USB 2.0 Extender System, 100-240V Power Adapter, UK plug
00-00292	EL4500-AU	Dual Mode - DVI, USB 2.0 Extender System, 100-240V Power Adapter, AU plug