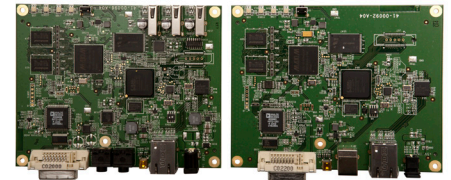


EL3500 KVM Extender

DVI, Audio, and USB 2.0 Extender

Sold as Private Branded or Turnkey PCBAs



icron

4664 Lougheed Hwy.
Suite 221
Burnaby, BC,
V5C 5TC, Canada

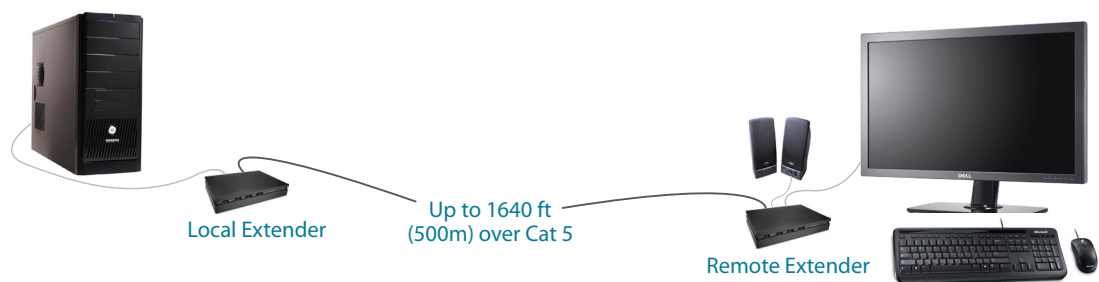
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The **EL3500** KVM Extender, powered by **ExtremeLink™** Technology, lets you place a computer up to 1640ft (500m) away from the work area, connected with a single inexpensive Cat 5 (or better) cable. The system supports HD video and USB, including control of the keyboard, mouse, webcam, flash drive, speakers, microphone and other USB devices. Generic silver or black enclosures, along with custom and turnkey options are available.

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

Key Product Features

- **Remote Desktop:** Increases IT security while improving PC provisioning/maintenance and enhancing aesthetics (space, heat and noise).
- **HD Video:** 1680x1050 resolution, 24-bit color depth supported at 1640ft (500m). **Resolution does not degrade with distance.**
- **Long Distance:** Supports Fiber Optic distances at Cat 5 price.
- **Audio:** Intergrated two channel audio with microphone and headphone I/O.
- **USB 2.0 Support:** Full USB 2.0 supporting all devices.
- **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.
- **Installation Ease:** Truly plug and play (no setup required). Utilizes a single Cat 5 (or better) cable for desktop extension simplifying installation.



*3500 KVM Extender Application

Specifications subject to
change without notification.

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#90-00713-A05

EL3500 Specifications



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VIDEO PERFORMANCE

Video:	1680x1050 resolution, 24-bit color depth
Video Latency:	Less than 60ms
Reach:	1640ft (500m) at full resolution supporting high-speed USB
Interconnection Cable:	RJ45 connector supporting 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
00-00273	EL3500-NA	DVI, USB 2.0 Cat 5 500m KVM Extender System Generic Black, 100-240V Power Adapter, NA plug
00-00274	EL3500-EU	DVI, USB 2.0 Cat 5 500m KVM Extender System Generic Black, 100-240V Power Adapter, EU plug
00-00275	EL3500-UK	DVI, USB 2.0 Cat 5 500m KVM Extender System Generic Black, 100-240V Power Adapter, UK plug
00-00276	EL3500-AU	DVI, USB 2.0 Cat 5 500m KVM Extender System Generic Black, 100-240V Power Adapter, AU plug
Turnkey 3500 components can be ordered individually to complete an OEM system as desired		
10-00197	Turnkey 3500 Local	DVI, USB 2.0 Cat 5 500m KVM Extender PCBA Module without housing, power adapter, or power cord
10-00198	Turnkey 3500 Remote	DVI, USB 2.0 Cat 5 500m KVM Extender PCBA Module without housing, or power adapter, or power cord

POWER

21-00053	Power Adapter Local	5V 3A, International (100-240V) Power Adapter, Local
21-00054	Power Adapter Remote	24V 1A, International (100-240V) Power Adapter, Remote
21-00055	Power Cord-NA	Power Cord for 21-00053 or 21-00054, North American Plug
21-00056	Power Cord-EU	Power Cord for 21-00053 or 21-00054, European Plug
21-00057	Power Cord-UK	Power Cord for 21-00053 or 21-00054, UK Plug
21-00058	Power Cord-AU	Power Cord for 21-00053 or 21-00054, Australian plug