

EL5100 KVM Extender

DVI and USB 2.0



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The **EL5100 KVM Extender**, powered by **ExtremeLink™** technology, lets you place a computer up to 330 ft (100 m) away from the workstation area, connected with a single inexpensive Cat 5 (or better) cable. The system supports full HD video and USB 2.0, including control of the keyboard, mouse, webcam, flash drive, speakers, microphone and other USB 1.1 and USB 2.0 devices.

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 and maintenance.
- **Full HD Video:** Uncompressed 1920 x 1200 resolution, 24-bit color depth.
- **Long Distance:** 330ft (100m) over single solid core Cat 5 cable.
- **Audio:** Supports USB audio devices.
- **USB 2.0 Support:** USB 2.0 supporting all device types. Recommended with keyboard, mouse, flash drive, printer, microphone, USB 1.1 web camera and other USB devices which require moderate amounts of bandwidth.
- **OS Support:** Compatible with all major operating systems. No drivers required.
- **Installation Ease:** True plug and play (no set up required). Utilizes a single Cat 5 (or better) cable for desktop extension simplifying installation.
- **Rack Mountable:** Allows for up to two units to be mounted in a 19"/1U rack mount kit.



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EL5100 Specifications



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VIDEO PERFORMANCE

Video:	1920 x 1200 at 24-bit color depth
Video Latency:	Less than 1ms
Reach:	330 ft (100m) at full resolution
Interconnection Cable:	RJ45 connector supporting solid core Cat 5 (or better) cable. Solid core Cat 6 is recommended for best results.

LOCAL EXTENDER

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

REMOTE EXTENDER

Video/Audio:	DVI-D Video Output (24-pin connector), HDMI (with adapter)
USB:	3 x USB Type A
Dimensions:	4.4" x 6.9" x 1.18" (112mm x 175mm x 30mm)
Power:	5V DC, 3A DC (15W)

ENVIRONMENTAL

Operating Temperature:	32°F to 104°F (0°C to 40°C)
Storage Temperature:	-4°F to 158°F (-20°C to 70°C)
Operating Humidity:	+20% ~ 80% (non condensing)
Storage Humidity:	+10% ~ 90% (non condensing)

CERTIFICATIONS

EMC:	FCC Class A, CE, ICES-003
Compliance:	RoHS
HDCP:	Not supported. Support can be added in specific use cases.

Ordering Information

PART NUMBER	NAME	DESCRIPTION
00-00307	EL5100-NA	EL5100 systems include a Local Extender, a Remote Extender, a USB cable, a DVI cable and two International power adapters with country specific power cord. DVI, USB 2.0 Cat 5 (100m) KVM Extender System, 100-240V Power Adapter, NA plug
00-00308	EL5100-EU	DVI, USB 2.0 Cat 5 (100m) KVM Extender System, 100-240V Power Adapter, EU plug
00-00309	EL5100-UK	DVI, USB 2.0 Cat 5 (100m) KVM Extender System, 100-240V Power Adapter, UK plug
00-00310	EL5100-AU	DVI, USB 2.0 Cat 5 (100m) KVM Extender System, 100-240V Power Adapter, AU plug
00-00287	Rack Mount Adapter Kit	Four Brackets and Stencil (Screws not included).

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