

4664 Lougheed Hwy.

Suite 221
Burnaby, BC,
V5C 5T5, Canada

www.icron.com sales@icron.com +1 604 638 3920

Specifications subject to change without notification.

Icron Technologies Corp.

#90-00909-A01

EL5100 KVM Extender

DVI and USB 2.0





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.

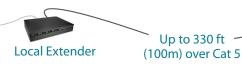
• OS Support: Compatible with all major operating systems. No drivers required.

• 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.







Remote Extender



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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: $32^{\circ}F$ to $104^{\circ}F$ ($0^{\circ}C$ to $40^{\circ}C$)

Storage Temperature: $-4^{\circ}F$ to $158^{\circ}F$ ($-20^{\circ}C$ to $70^{\circ}C$)

Operating Humidity: $+20\% \sim 80\%$ (non condensing)

Storage Humidity: $+10\% \sim 90\%$ (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
			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.
	00-00307	EL5100-NA	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).