

# EL5100 DVI + USB 2.0 Extender

## DVI and USB 2.0 100 Cat 5e KVM Extender System

The EL5100 extends both DVI and USB 2.0 up to 100m using a single Cat 5e\* cable.



*LEX (Local Extender)*

*REX (Remote Extender)  
back view*

## Features

The EL5100 KVM Extender lets you place a computer up to 100m (330 ft) away from the workstation using a single Cat 5e\* cable. The system supports full HD video and USB 2.0, providing the ability to control keyboards, mice, flash drives or other USB 2.0\*\* and 1.1 devices.

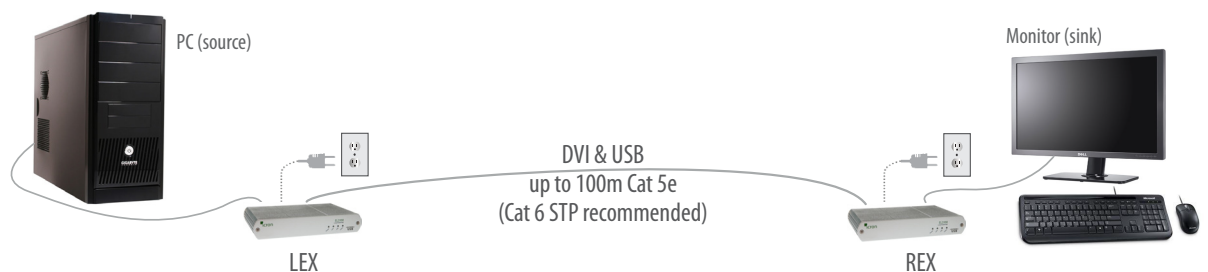
- Provides full uncompressed 1920 x 1200 resolution HD video
- 24-bit color
- USB 2.0 high-speed 480Mbps throughput

Includes ExtremeUSB® suite of features:

- True plug and play. No software drivers required
- Supports all major operating systems: Windows®, Mac OS X® and Linux®
- Reliable operation with USB 2.0\*\* and 1.1 devices and hubs
- Patented extension technology

## Applications

- Medical Extensions
- Interactive Digital Signage
- Security
- Industrial Control



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←EXTREME→  
USB®

Specifications subject to  
change without notification.

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#90-00909-A05

\* This product supports Cat 5e or better cabling (i.e. Cat 6, Cat 7, etc). All references to "Cat 5e" should be read as "Cat 5e or better".  
\*\*USB throughput is limited to 30Mbps. High bandwidth devices may not function properly. USB audio devices not recommended.

# EL5100 Specifications



Back view

| Cable Type            | Electrical Interference Susceptibility |
|-----------------------|----------------------------------------|
| Solid Core Cat 5e UTP | High                                   |
| Solid Core Cat 5e STP | Moderate                               |
| Solid Core Cat 6 UTP  | High                                   |
| Solid Core Cat 6 STP  | Low (Recommended)                      |
| Solid Core Cat 7 STP  |                                        |

Note: Maximum distance and product performance will be reduced in the presence of interference or coiled extension cable.

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## RANGE

Direct Connect: Up to 100m (330 ft) over Cat 5e (or better)

## VIDEO

Resolution: High Definition 1920 x 1200

Color: 24-bit color depth

Depth: 2D

Latency: Less than 1ms

## SPEEDS

USB 2.0: Up to 30Mbps

USB 1.1: Up to 12Mbps

## LEX

Video Connector: 1 x DVI

USB Connector: 1 x USB Type B Receptacle

Link Connector: 1 x RJ45

Dimensions: 112mm x 175mm x 30mm (4.4" x 6.9" x 1.2")

Enclosure Material: Silver Anodized Aluminum

Power Supply: 100-240V AC input, 5V DC output

## REX

Video Connector: 1 x DVI

USB Connectors: 3 x USB Type A Receptacles

Link Connector: 1 x RJ45

Dimensions: 112mm x 175mm x 30mm (4.4" x 6.9" x 1.2")

Enclosure Material: Silver Anodized Aluminum

Available Current: 500mA for each USB port

Power Supply: 100-240V AC input, 5V DC output

## ENVIRONMENTAL

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Operating Humidity: +20% ~ 80% (non condensing)

## COMPLIANCE

EMC: FCC (Class A), CE (Class A), ICES-003

Environmental: RoHS2 (CE)

## SUPPORT

Warranty: 2-year

## Ordering Information

The EL5100 system includes a LEX, REX, USB cable, DVI cable, Quick Start Guide, two international power adapters with country specific power cord and two-year warranty. For more information email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

| PART #   | NAME             | DESCRIPTION                                                                                         |
|----------|------------------|-----------------------------------------------------------------------------------------------------|
| 00-00307 | EL5100-NA        | DVI+USB 2.0 1920x1200 single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, NA Power Cord |
| 00-00308 | EL5100-EU        | DVI+USB 2.0 1920x1200 single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, EU Power Cord |
| 00-00309 | EL5100-UK        | DVI+USB 2.0 1920x1200 single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, UK Power Cord |
| 00-00310 | EL5100-AU        | DVI+USB 2.0 1920x1200 single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, AU Power Cord |
| 00-00287 | KVM Mounting Kit | Four Brackets for EL/VU3500, 4500, 5100, 5200                                                       |