

# EL5353 DVI + USB 2.0 Extender

## DVI and USB 2.0 100m CAT 5e/6/7 KVM Extender System

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The EL5353 KVM Extender System features the latest and most robust HD video and USB extension technology from Icron Technologies. The EL5353 extends both DVI and USB 2.0 applications up to 100m over a single CAT 5e/6/7 cable.



*LEX (Local Extender)  
front view*

*REX (Remote Extender)  
back view*

## Features

The EL5353 KVM Extender lets you place a computer up to 100m (330 ft) away from a workstation using a single CAT 5e/6/7 cable. The system supports full HD video and USB 2.0, providing the ability to control keyboards, mice, flash drives, audio peripherals and other USB 2.0 and 1.1 devices.

Key features include:

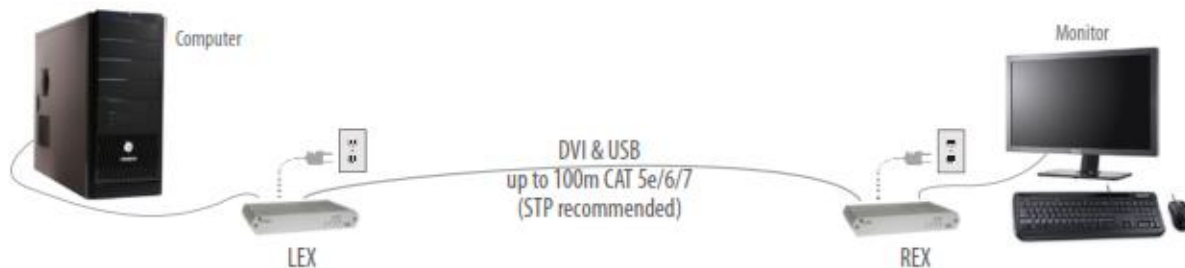
- Point-to-point video and USB extension up to 100m over a single CAT 5e/6/7 cable
- Full uncompressed 1920 x 1200 resolution HD video
- 24-bit color depth
- USB 2.0 throughput support up to 40 Mbps

Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, OS X® and Linux®

## Applications

- Professional Audio and Visual
- Security
- Industrial Control
- Interactive Digital Signage
- Medical Extensions



Rear views of LEX (top) and REX (bottom)

Cable Type	Electrical Interference Susceptibility
Solid Core Cat 5e/6 UTP	High
Solid Core Cat 5e/6 STP	Moderate
Solid Core Cat 6a UTP	Moderate
Solid Core Cat 6a 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.

Specifications subject to change without notification.  
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#### RANGE

Direct Connect: Up to 100m (330 ft) over a single CAT 5e/6/7 cable

#### VIDEO

Resolution: High Definition 1920 x 1200

Color Depth: 24-bit color depth

Latency: Less than 1ms

#### SPEEDS

USB 2.0: Up to 40 Mbps

USB 1.1: Up to 12 Mbps

#### 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 ~ 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