EL5353 DVI + USB 2.0 Extender

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

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.
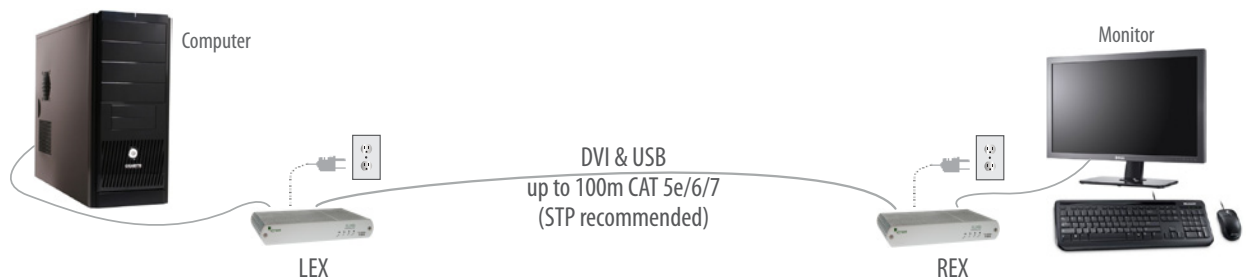
Key features include:

■ 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

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Computer

Monitor

DVI & USB
up to 100m CAT 5e/6/7
(STP recommended)

LEX

REX

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.

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

Ordering Information

The EL5353 KVM extender system includes a LEX, REX, USB cable, DVI cable, Quick Start Guide, two international power adapters with country specific power cords and two-year warranty. For more information email **sales@icron.com** or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00381	EL5353-NA	DVI+USB 2.0 resolution1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V NA Power Cord
00-00382	EL5353-EU	DVI+USB 2.0 resolution1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V EU Power Cord
00-00383	EL5353-AU	DVI+USB 2.0 resolution1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V AU Power Cord
00-00384	EL5353-UK	DVI+USB 2.0 resolution1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V UK Power Cord
00-00385	EL5353-JP	DVI+USB 2.0 resolution1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V JP Power Cord
00-00287	KVM Mounting Kit	Four Brackets for EL/VU Series