

# EL5363 HDMI® + USB 2.0 Extender

## HDMI and USB 2.0 100m Cat 5e/6/7 KVM Extender System

The EL5363 KVM Extender System features the latest and most robust HD video and USB extension technology from Icron Technologies. The EL5363 extends both HDMI and USB 2.0 up to 100m using a single Cat 5e/6/7 cable.



*LEX (Local Extender)  
front view*

*REX (Remote Extender)  
back view*

## Features

The EL5363 KVM Extender lets you place an HDMI host up to 100 meters (330 feet) away from the viewing area 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:

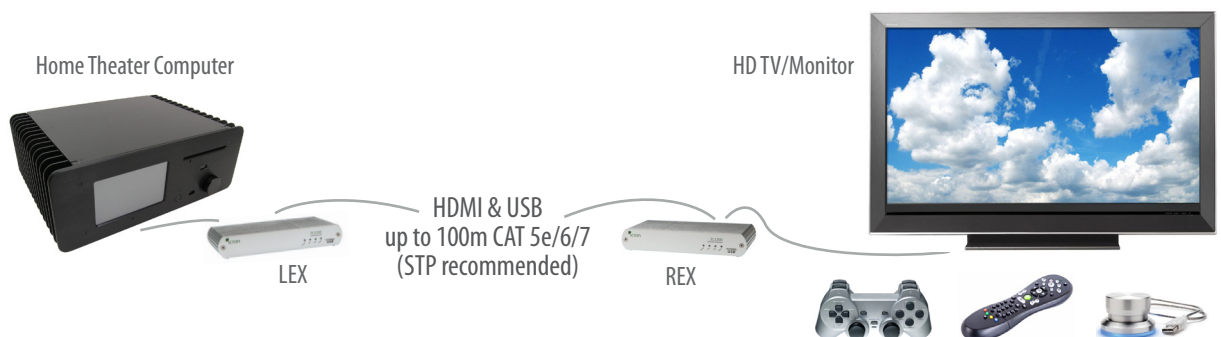
- Point-to-point video and USB extension up to 100m over a single CAT 5e/6/7 cable
- Full uncompressed HD video: 4Kp30, 1080p and 1920x1200 resolutions
- 3D
- Deep Color
- x.v. Color
- Lip Sync Pass-through
- CEC Pass-through
- HDCP Pass-through
- USB 2.0 throughput support up to 40Mbps

Includes ExtremeUSB® suite of features:

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

## Applications

- Medical Extensions
- Interactive Digital Signage
- Home Theater
- Industrial Control



**icron**

Now Part of Maxim Integrated

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**EXTREME  
USB**

Specifications subject to  
change without notification.

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#90-01409-A02

# EL5363 Specifications



Rear view 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 4Kp30, 1080p, 1920 x 1200  
 Color: 36-bit, Deep Color, and x.v. Color  
 Depth: 2D and 3D  
 Latency: Less than 1ms

## SPEEDS

USB 2.0: Up to 40Mbps  
 USB 1.1: Up to 12Mbps

## LEX

Video Connector: 1 x HDMI  
 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 HDMI  
 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% to 80% relative humidity, non-condensing

## COMPLIANCE

EMC: FCC (Class A), CE (Class A), ICES-003  
 Environmental: RoHS2 (CE)

## SUPPORT

Warranty: 2-year

## Ordering Information

The EL5363 system includes a LEX, REX, USB cable, HDMI cable, Quick Start Guide, two international power adapters with country specific power cords and two-year warranty. For more information email [lcronSales@MaximIntegrated.com](mailto:lcronSales@MaximIntegrated.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00386	EL5363 - NA	HDMI+USB 2.0 1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V NA Power Cords
00-00387	EL5363 - EU	HDMI+USB 2.0 1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V EU Power Cords
00-00388	EL5363 - AU	HDMI+USB 2.0 1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V AU Power Cords
00-00389	EL5363 - UK	HDMI+USB 2.0 1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V UK Power Cords
00-00390	EL5363 - JP	HDMI+USB 2.0 1920x1200 100m single CAT 5e/6/7 KVM Extender System, 100-240V JP Power Cords
00-00287	KVM Mounting Kit	Four Brackets for EL/VU Series