EL5200 HDMI® + USB 2.0 Extender
HDMI and USB 2.0 100m Cat 5e KVM Extender System

The EL5200 extends both HDMI and USB 2.0 up to 100m using a single Cat 5e* cable.

LEX (Local Extender)

REX (Remote Extender)

Features

The EL5200 KVM Extender lets you place an HDMI host up to 100 meters (330 feet) away from the viewing area 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. The following HDMI features are supported:
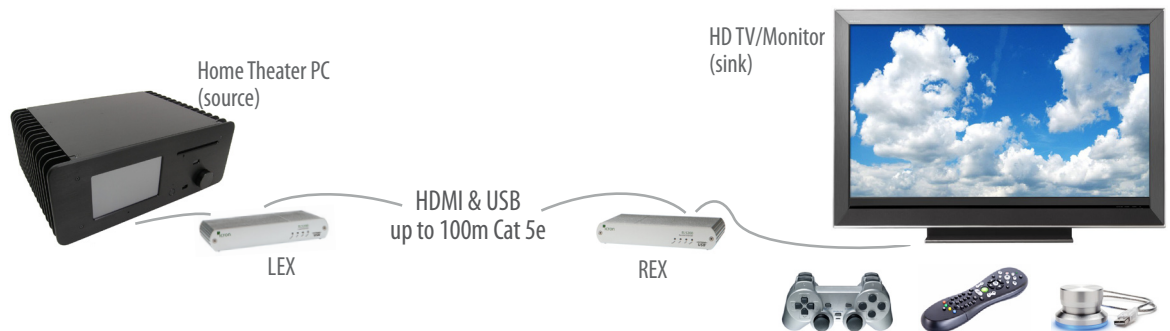
- Full uncompressed 1080p and 1920 x 1200 resolution HD video
- 3D
- 4K
- Deep Color
- x.v. Color
- Lip Sync Pass-through
- CEC Pass-through
- HDCP Pass-through

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
- Home Theater
- Interactive Digital Signage
- Industrial Control

Home Theater PC (source)

HD TV/Monitor (sink)

HDMI & USB up to 100m Cat 5e

LEX

REX

* 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.

EXTREME USB®

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

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.

Specifications subject to change without notification.
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RANGE
Direct Connect:	Up to 100m (330 ft) over Cat 5e (or better)

VIDEO
Resolution:	High Definition 1080p, 1920 x 1200, 4K
Color:	36-bit, Deep Color, and x.v. Color
Depth:	2D and 3D
Latency:	Less than 1ms

SPEEDS
USB 2.0:	Up to 30Mbps
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 years

Ordering Information

The EL5200 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 **sales@icronshop.com** or call +44 1273 731 555

PART #	NAME	DESCRIPTION
00-00319	EL5200-NA	HDMI+USB 2.0 1080p single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, NA Power Cord
00-00320	EL5200-EU	HDMI+USB 2.0 1080p single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, EU Power Cord
00-00321	EL5200-UK	HDMI+USB 2.0 1080p single Cat 5e 100m KVM Extender System, 100-240V Power Adapter, UK Power Cord
00-00322	EL5200-AU	HDMI+USB 2.0 1080p 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