

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:

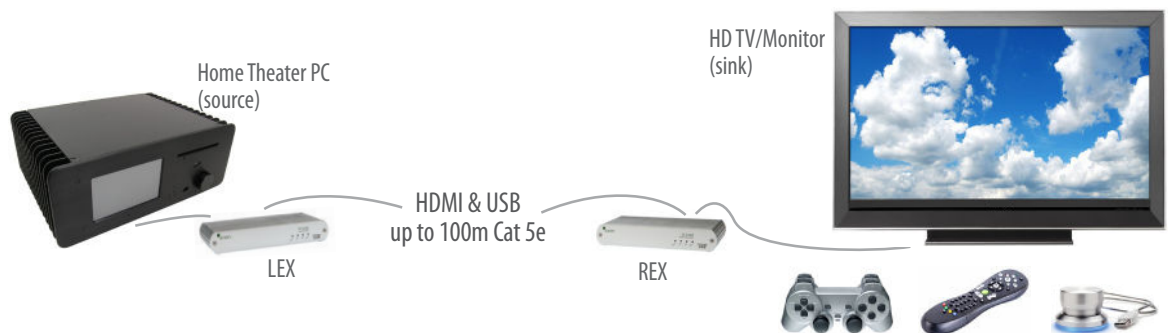
- Full uncompressed 1080p and 1920 x 1200 resolution HD video
- 3D
- 4K
- Deep Color
- x.v. Color
- Lip Sync Pass-through
- CEC Pass-through
- HDCP Pass-through

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
- Interactive Digital Signage
- Home Theater
- Industrial Control



* 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.



4664 Lougheed Hwy.
Suite 221
Burnaby, BC,
V5C 5T5, Canada

icron.com
sales@icron.com
+1 604 638 3920

EXTREME
USB®

Specifications subject to
change without notification.

©2013
Icron Technologies Corp.
#90-00995-A06

EL5200 Specifications



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.

©2013

Icron Technologies Corp.

#90-00995-A06

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@icron.com or call +1 604 638 3920.

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