

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. Being HDMI/HDCP compliant, the following HDMI features are supported:

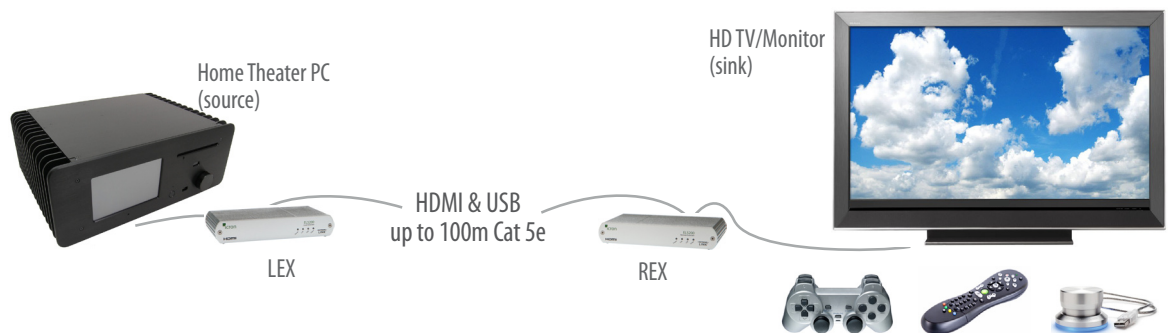
- Full uncompressed 1080p and 1920 x 1200 resolution HD video
- 3D
- 4K
- Deep Color
- x.v. Color
- Lip Sync Pass-through
- CEC Pass-through
- HDCP Pass-through

Includes ExtremeLINK™ 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.

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Specifications subject to
change without notification.

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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.

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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

HDMI/HDCP: Compliant

CEC: Compliant

Environmental: RoHS

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