DATASHEET

USB 3-2-1 Raven™ 3301

1-Port USB 3-2-1, 100m CAT 5e Extender System

The Icron USB 3-2-1 Raven 3301 provides seamless USB extension. Featuring a single USB-C port, 5Gbps bandwidth, support for CAT 5e or better cabling, and no built-in USB hubs, it's ideal for extending remote USB devices such as conference cameras, touch controllers, keyboards, mice, all-in-one devices and more.

The Raven 3301 supports all USB 3-2-1 transaction types including isochronous, and can extend up to 100m point-to-point with DC power applied at the remote end.



LEX



REX

Features

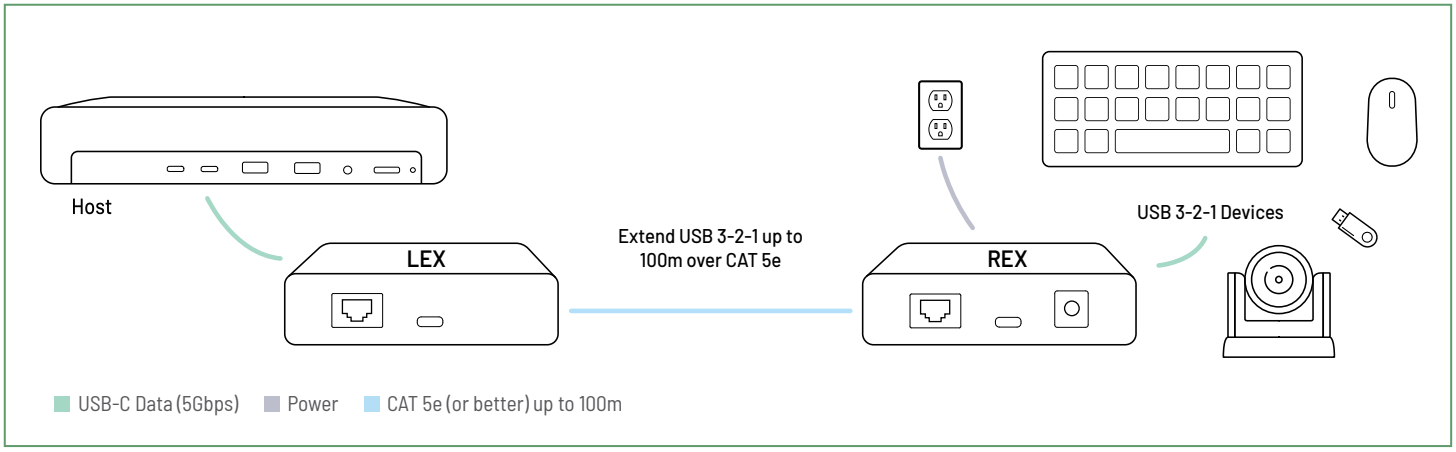
- Supports all USB 3.2 Gen 1, 2.0 and 1.1 devices simultaneously up to 5Gbps
- Extends up to 100m over CAT 5e or better cabling
- Power the LEX (Local Extender) at the host
- The REX (Remote Extender) can power a single USB device up to 15W, 3A
- Supports all USB transaction types (Control, Bulk, Interrupt, ISO)
- No USB Hub tiers consumed (hubless)

ExtremeUSB® Suite of features:

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

Applications

- Conference Rooms
- Security and Monitoring
- Video Matrix Systems
- Remote Storage



Specifications

Mechanical Data		
Specification	**LEX** (Local Extender)	**REX** (Remote Extender)
USB Connector	1x USB-C Receptacle	
Link Connector	1x RJ45 Ethernet Link	
Power Input	N/A	5V DC 4A Barrel Jack
Dimensions (WxDxH)	100mm x76.0mm x 25.4mm (3.9"x3.0"x 1.0")	
Weight	210g (0.46lbs.)	
Enclosure Material	Black Anodized Aluminum	

USB Support	
USB Standards	USB 3.2 Gen 1, 2.0, and 1.1 up to 5Gbps
USB Transactions	All (Control, Interrupt, Bulk, Isochronous)
Device Compatibility	All USB Device types and classes
Host Compatibility	OHCI, UHCI, EHCI, xHCI
Available Current at REX	Supplies 3A (15W)
Maximum Devices	Up to 31 (downstream)

Range	
Point-to-Point	100m CAT 5e UTP Cable or Better

Environmental	
Temperature Range	0°C to 40°C (32°F to 104°F) Operating -20°C to 70°C (-4°F to 158°F) Storage
Relative Humidity	20-80% Operating, 10-90% Storage, non-condensing

Compliance and Country of Origin	
Certifications	FCC (Class A), CE, RCM, UKCA, IEC/UL/cUL, ICES-003 Issue 7
Country of Origin	China

What's Included

- 1x Raven 3301 LEX
- 1x Raven 3301 REX
- 1x International Power Adapter
- 1x Region Specific Power Cord (NA, EU, UK, AU, or JP)
- 1x Compliance and Warranty Insert
- 2-Year Warranty

Package Weight: 907g (2.0lbs.)
NOTE: USB cables not included

Ordering Information

Please contact **info@icron.com** or visit **icron.com**

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