icron

DP 4K Video + USB 3-2-1 Arbutus™ 63301
1-Port USB-C 4K and USB 3.2, 100m CAT 6a Extension System

The Icron DP 4K Video + USB 3-2-1 Arbutus 63301 is an all-in-one video and USB extension system. Utilizing a single USB-C port, the 63301 can extend 4K video (DP Alt mode) and USB 3-2-1 over a CAT 6a cable offering a true one cable extension solution.

Unique to this model is the ability to enable DP Alt mode video on a USB-C connection supporting up to 4Kp60 4:4:4 simultaneously with USB 3.2 Gen 1. All USB transaction types are supported with no hub tiers consumed, and up to 100m point-to-point extension distance.

LEX

REX

Features

- DP Alt mode up to 4Kp60 4:4:4 at 2 lanes HBR3
- HDCP 2.2 support
- Extends all USB 3.2 Gen 1, 2.0 and 1.1 devices simultaneously with 4K video up to 100m over CAT 6a or better cabling
- The REX (Remote Extender) can power a single USB-C device up to 15W
- Supports all USB transaction types (Control, Bulk, Interrupt, ISO)
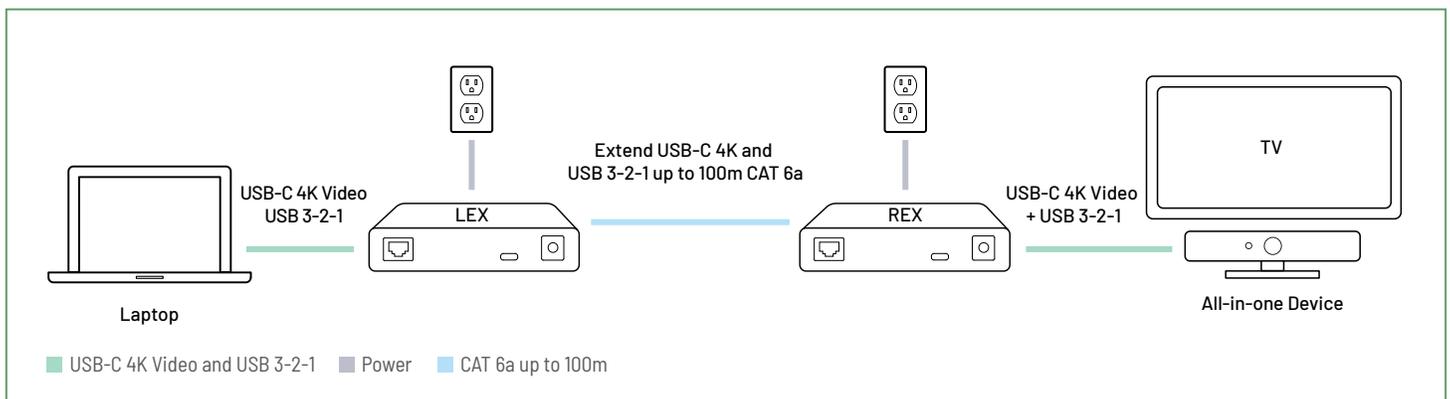- No USB hub tiers consumed (hubless)
- TAA Compliant

ExtremeUSB® Suite of features:

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

Applications

- Conference Rooms
- KVM
- Video Matrix Systems
- Control Rooms
- Medical Imaging

TV

Extend USB-C 4K and
USB 3-2-1 up to 100m CAT 6a

USB-C 4K Video
USB 3-2-1

LEX

REX

USB-C 4K Video
+ USB 3-2-1

Laptop

All-in-one Device

■ USB-C 4K Video and USB 3-2-1   ■ Power   ■ CAT 6a up to 100m

Specifications

Mechanical Data

Specification	LEX (Local Extender)	REX (Remote Extender)
USB Connector	1x USB-C Receptacle	
Link Connector	1x RJ45 Ethernet Link	
Power Input	5V DC 3A Barrel Jack	5V DC 5A Barrel Jack
Dimensions (WxDxH)	137mm x 100mm x 26mm (5.4"x3.9"x 1.0")	
Weight	300g (0.7lbs.)	
Enclosure Material	Black Anodized Aluminum	

Video Support

Maximum Resolution	4196x2160
Color	RGB 8/10, YCbCr 4:4:4, 4:2:2
Lane Count/Rate	4, 2 or 1 Lane operation up to HBR3 8.1Gbps
Control	DisplayPort MCCS
EDID	EDID override supported
HDCP Version	2.2

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	3A (15W)
Maximum Devices	Up to 31 (downstream)

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)

Range

Point-to-Point	100m (330 ft) over CAT 6a UTP Cable or better

Compliance & Warranty

Certifications	FCC (Class A), CE, RCM, UKCA, IEC/UL/cUL, ICES-003 Issue 7
Country of Origin	Taiwan (TAA Compliant)
Warranty	3 years

What's Included

- 1x Arbutus 63301 LEX
- 1x Arbutus 63301 REX
- 2x International Power Adapters
- 2x Regional Specific Power Cords (NA, EU, UK, AU or JP)

- 1x Compliance and Warranty Insert
- 3-Year Warranty

Package Weight: 1.4Kg (3.1lbs)
NOTE: USB-C cables not included

Ordering Information

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

icron.com

info@icron.com