



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

www.icron.com
+1 604 638 3920



Specifications subject to
change without notification.
©2017
Icron Technologies Corp.
#90-01599-A02

Icron USB 3-2-1 Raven™ 3104

4-Port USB 3.1, 100m CAT 6a/7 Point-to-Point Extender System

Industry's First USB 3-2-1 Extender Over Category Cable

The Icron USB 3-2-1 Raven 3104 is backwards compatible to USB 2.0 and 1.1 and provides the ability to connect all USB 3.1 Gen 1 (5 Gbps) device types to a host across a point-to-point connection up to 100m over CAT 6a/7. The Raven 3104 also includes an Ethernet pass-through for connecting to network enabled devices or to use existing infrastructure without losing LAN connectivity.



Summary of Features

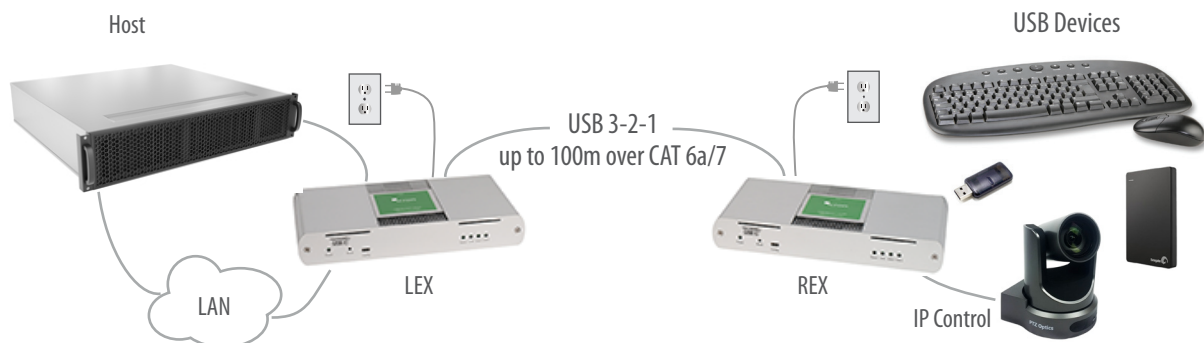
- USB 3.1 Gen 1 data rate up to 5 Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through
- Single cable, CAT 6a/7 up to 100m
- Point-to-point connection

Includes the ExtremeUSB-C™ suite of features:

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

Applications

- Remote Storage
- Security and Monitoring
- Video Matrix Systems
- Conferencing Cameras



Icron USB 3-2-1 Raven 3104 Specifications

LEX (LOCAL EXTENDER) MECHANICAL DATA	REX (REMOTE EXTENDER) MECHANICAL DATA
137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")	137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")
1x USB 3.1 B Receptacle	4x USB 3.1 A Receptacles
1x RJ45 Ethernet 100/1000 Port	1x RJ45 Ethernet 100/1000 Port
1x RJ45 Ether Link Port	1x RJ45 Ether Link Port
24V 1A DC Locking Jack	24V 2.71A DC Locking Jack
920g (2.03 lbs.)	990g (2.18 lbs.)

PACKAGE CONTENTS	
1x LEX (Local Extender)	
1x REX (Remote Extender)	
1x 1.8m USB 3.1 Gen 1 Cable	
2x International Locking AC Adapters	
2x Country Specific Power Cords	
1x Quick Start Guide	
Packaged weight: 2.67kg (5.87 lbs.)	

RANGE	
Point-to-Point:	Up to 100m over CAT 6a/7

USB SUPPORT	
USB Speeds:	SuperSpeed 5 Gbps, High-Speed, Full-Speed, Low-Speed
USB Bandwidth:	Up to 5 Gbps
Device Compatibility:	All Device Types and Hubs
Host Compatibility:	OHCI, UHCI, EHCI, xHCI
Available Current at REX:	1.2A per USB port, 5A total shared
Max Number of USB Devices:	30

ENVIRONMENTAL	
Temperature:	0-45 °C Operating, -20 to 70 °C Storage
Humidity:	20-80% Operating, 10-90% Storage Relative Humidity Non-Condensing

SUPPORT	
Warranty:	2 years

Ordering Information

PART #	NAME	DESCRIPTION
00-00421	Icron USB 3-2-1 Raven 3104 - NA	4-Port USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 24V 100-240V Power Adapters - NA
00-00422	Icron USB 3-2-1 Raven 3104 - EU	4-Port USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 24V 100-240V Power Adapters - EU
00-00423	Icron USB 3-2-1 Raven 3104 - UK	4-Port USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 24V 100-240V Power Adapters - UK
00-00424	Icron USB 3-2-1 Raven 3104 - AU	4-Port USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 24V 100-240V Power Adapters - AU
00-00425	Icron USB 3-2-1 Raven 3104 - JP	4-Port USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 24V 100-240V Power Adapters - JP

To order or for more information, email sales@icron.com or call +1 604 638 3920.