

Product Datasheet - Technical Specifications



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Icron USB 3-2-1 Raven[™] 3124

4-Port USB 3.1, 200m Multimode Fiber Point-to-Point Extender System

The Icron 3-2-1 Raven 3124 provides the ability to connect all USB 3.1 Gen 1 (5Gbps) device types and is backwards compatible to USB 2.0 and 1.1 across a point-to-point connection up to 200m over Multimode Fiber. The Raven 3124 also includes an Ethernet pass-through for connecting to network enabled devices or to use existing infrastructure without losing LAN connectivity.



Summary of Features

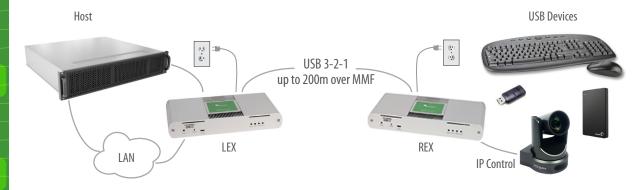
- USB 3.1 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 100 Mbps Ethernet channel; LAN pass-through
- Single cable, OM3 Multimode Fiber up to 200m
- Point-to-point connection
- FCC and CE (Class B) compliant

Includes the ExtremeUSB-C[™] suite of features:

- Transparent USB extension supporting USB 3, 2 and 1
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™, Linux® and Chrome OS™

Applications

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





Specifications subject to change without notification. ©2022 Icron | An Analog Devices Brand #90-01600-D01

Icron USB 3-2-1 Raven[™] 3124 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 100Mbps Port		1x RJ45 Ethernet 100Mbps Port
1x Duplex LC		1x Duplex LC
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 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 200m over C	0M3 Multimode Fiber
USB SUPPORT		
USB Speeds:	SuperSpeed 5Gbp	s, High-Speed, Full-Speed, Low-Speed
USB Bandwidth:	Up to 5Gbps	
Device Compatibility:	All Device Types a	nd Classes (Control, Interrupt, and Bulk)
Host Compatibility:	OHCI, UHCI, EHCI,	xHCI
Available Current at REX:	1.2A (6W) per USB	port
Max Number of USB Devices:	30	
ENVIRONMENTAL		
Temperature:	0°C – 50°C (32°F – 122°F) Operating, -20°C – 70°C (-4°F – 158°F) Storage	
Humidity:	20-80% Operating	, 10-90% Storage Relative Humidity Non-Condensing
COMPLIANCE		
Certifications:	FCC (Class B), CE (Class B), RoHS2/3 (CE), ICES-003 Issue 7, EN 62368-1	
SUPPORT		
Warranty:	2 years	

Ordering Information

The Icron USB 3-2-1 Raven[™] 3124 system includes a LEX, REX, USB 3.1 Gen 1 cable, two international power adapters with country specific power cords, Quick Start Guide and two-year warranty.

PART #	NAME	DESCRIPTION
00-00437	lcron USB 3-2-1 Raven 3124 - NA	4-Port USB 3-2-1 200m MMF PTP Extender System, Silver, 100-240V Power Adapters - NA
00-00438	Icron USB 3-2-1 Raven 3124 - EU	4-Port USB 3-2-1 200m MMF PTP Extender System, Silver, 100-240V Power Adapters - EU
00-00439	Icron USB 3-2-1 Raven 3124 - UK	4-Port USB 3-2-1 200m MMF PTP Extender System, Silver, 100-240V Power Adapters - UK
00-00440	Icron USB 3-2-1 Raven 3124 - AU	4-Port USB 3-2-1 200m MMF PTP Extender System, Silver, 100-240V Power Adapters - AU
00-00441	Icron USB 3-2-1 Raven 3124 - JP	4-Port USB 3-2-1 200m MMF PTP Extender System, Silver, 100-240V Power Adapters - JP
10-00620	Raven Silver Mounting Kit	Raven/Maverick Silver Mounting Kit, Set of 2 Mounting Brackets, Bolts included