

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
- Security and Monitoring
- Video Matrix Systems
- Conferencing Cameras



Specifications subject to change without notification.
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#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 OM3 Multimode Fiber

USB SUPPORT	
USB Speeds:	SuperSpeed 5Gbps, High-Speed, Full-Speed, Low-Speed
USB Bandwidth:	Up to 5Gbps
Device Compatibility:	All Device Types and 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	Icron 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