Icron USB 3-2-1 Raven™ 3104 Pro
4-Port USB 3.2, 100m CAT 6a/7 Point-to-Point Extender System

USB 3-2-1 Extender over Category Cable Optimized for Camera and Video Capture Devices

The Icron USB 3-2-1 Raven 3104 Pro provides the ability to connect all USB 3.2 Gen 1 (5Gbps) device types and is backwards compatible to USB 2.0 and 1.1 across a point-to-point connection up to 100m over CAT 6a/7. The Raven 3104 Pro 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 3.2 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.2 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through
- Single cable, CAT 6a/7 up to 100m
- Point-to-point connection
- Supports all USB transfer types (Control, Interrupt, Isochronous and Bulk)
- Optimized for camera and video capture devices
- 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
Icron USB 3-2-1 Raven™ 3104 Pro Specifications

**LEX (LOCAL EXTENDER) MECHANICAL DATA**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>137.3mm x 232.1mm x 33.0mm (5.4&quot; x 9.1&quot; x 1.3&quot;)</td>
</tr>
<tr>
<td>USB Receptacles</td>
<td>1x USB 3 Type B</td>
</tr>
<tr>
<td>Ethernet Ports</td>
<td>1x RJ45 Ethernet 100/1000 Port</td>
</tr>
<tr>
<td>DC Jack</td>
<td>24V 1A DC Locking Jack</td>
</tr>
<tr>
<td>Weight</td>
<td>920g (2.03 lbs.)</td>
</tr>
</tbody>
</table>

**REX (REMOTE EXTENDER) MECHANICAL DATA**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>137.3mm x 232.1mm x 33.0mm (5.4&quot; x 9.1&quot; x 1.3&quot;)</td>
</tr>
<tr>
<td>USB Receptacles</td>
<td>4x USB 3 Type A</td>
</tr>
<tr>
<td>Ethernet Ports</td>
<td>1x RJ45 Ethernet 100/1000 Port</td>
</tr>
<tr>
<td>DC Jack</td>
<td>24V 2.71A DC Locking Jack</td>
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<tr>
<td>Weight</td>
<td>990g (2.18 lbs.)</td>
</tr>
</tbody>
</table>

**PACKAGE CONTENTS**

- 1 x LEX (Local Extender)
- 1 x REX (Remote Extender)
- 1 x USB 3.1 Gen 1 Cable
- 2 x International Locking AC Adapters
- 2 x Country Specific Power Cords
- 1 x Quick Start Guide
- Packaged weight: 2.91kg (6.42 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 5Gbps
- **Device Compatibility:** All Device Types and Classes (Control, Interrupt, Isochronous 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

**SUPPORT**

- **Warranty:** 2 years

**Ordering Information**

The Icron USB 3-2-1 Raven™ 3104 Pro 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. To order or for more information, email IcronSales@MaximIntegrated.com or call +1 604 638 3920.

**PART # | NAME | DESCRIPTION**

| 00-00451 | Icron USB 3-2-1 Raven 3104 Pro - NA | Icron 4-Port Pro USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 100-240V Power Adapters - NA |
| 00-00452 | Icron USB 3-2-1 Raven 3104 Pro - EU | Icron 4-Port Pro USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 100-240V Power Adapters - EU |
| 00-00453 | Icron USB 3-2-1 Raven 3104 Pro - UK | Icron 4-Port Pro USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 100-240V Power Adapters - UK |
| 00-00454 | Icron USB 3-2-1 Raven 3104 Pro - AU | Icron 4-Port Pro USB 3-2-1 100m CAT 6a/7 PTP Extender System, Silver, 100-240V Power Adapters - AU |
| 00-00455 | Icron USB 3-2-1 Raven 3104 Pro - JP | Icron 4-Port Pro USB 3-2-1 100m CAT 6a/7 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 |