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Specifications subject to  
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Icron Technologies Corp.  
#90-01599-A03

# 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 provides the ability to connect all USB 3.1 Gen 1 (5 Gbps) 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 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

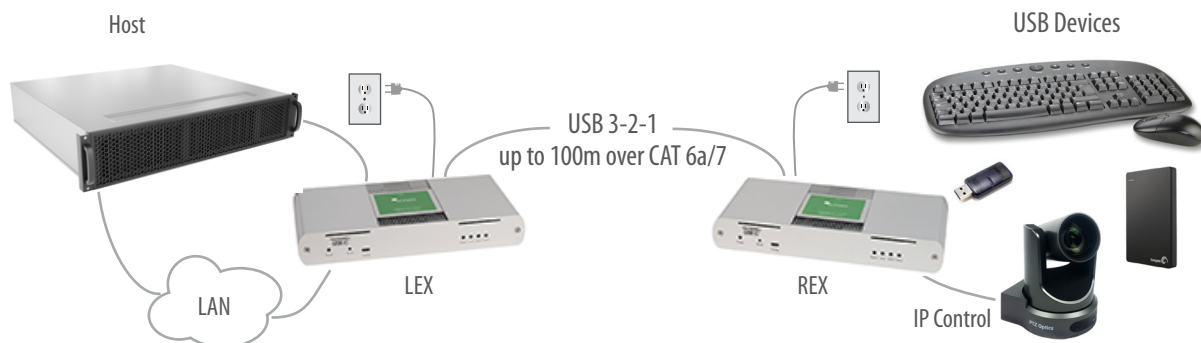
Preliminary

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 Ethernet Link Port                      | 1x RJ45 Ethernet 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 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 (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

| 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, 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, 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, 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, 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, 100-240V Power Adapters - JP |

To order or for more information, email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.