USB 2.0 Ranger® 2304
4-Port USB 2.0 100m CAT 5e/6/7 Extender System

The USB 2.0 Ranger 2304 is the latest in a long line of reliable point-to-point USB 2.0 extender systems from Icron Technologies. It features full device and host support, including newer USB 3.0 compatible devices and controllers, and fast USB 2.0 throughputs.

Features
The Ranger 2304 extends all USB 2.0 peripherals such as flash drives, keyboards, mice, webcams and interactive whiteboards across a dedicated CAT 5e/6/7 connection.

- USB 2.0 throughput up to 480 Mbps
- Integrated hub provides ports for four USB devices, use hubs to add more
- Supplies up to 600mA to each USB port concurrently
- Operates with all USB controllers

Includes the ExtremeUSB® suite of features:

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

Applications

- Remote storage
- Professional Audio-Visual
- Security and monitoring
- Keyboard and mouse
USB 2.0 Ranger® 2304 Specifications

**RANGE**
Direct Connect: Up to 100m (330 ft) over solid core CAT 5e/6/7

**USB DEVICE SUPPORT**
- Maximum USB 2.0 Throughput: Up to 480 Mbps
- Maximum USB 1.1 Throughput: Up to 12 Mbps
- Traffic Types: All USB 2.0 and 1.1 Traffic Types
- Device Types: All USB 2.0 and 1.1 Device Types

**LEX (LOCAL EXTENDER)**
- USB Connector: 1 x USB Type B Receptacle
- Link Connector: 1 x RJ45
- Dimensions: 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")
- Enclosure Material: Silver Anodized Aluminum

**REX (REMOTE EXTENDER)**
- USB Connectors: 4 x USB Type A Receptacles
- Link Connector: 1 x RJ45
- Dimensions: 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")
- Enclosure Material: Silver Anodized Aluminum
- Available Current: Up to 600mA to each USB port
- Power Supply: 100-240V AC Input, 1A 24V DC Output

**ENVIRONMENTAL**
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- Storage Temperature: -20°C to 70°C (-4°F to 158°F)
- Operating Humidity: 20% to 80% relative humidity, non-condensing
- Storage Humidity: 10% to 90% relative humidity, non-condensing

**COMPLIANCE**
- EMC: FCC (Class B), CE (Class B)
- Environmental: RoHS2 (CE)

**SUPPORT**
- Warranty: 2-year

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**Ordering Information**
The USB 2.0 Ranger® 2304 system includes a LEX, REX, USB Cable, Quick Start Guide, international power adapter with country specific power cord and two-year warranty. For more information, email sales@icron.com or call +1 604 638 3920.

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<th>NAME</th>
<th>DESCRIPTION</th>
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<tr>
<td>00-00347</td>
<td>USB 2.0 Ranger® 2304 - NA</td>
<td>4-Port USB 2.0 100m CAT 5e/6/7 Extender System, 100-240V Power Adapter, NA Power Cord</td>
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<td>USB 2.0 Ranger® 2304 - EU</td>
<td>4-Port USB 2.0 100m CAT 5e/6/7 Extender System, 100-240V Power Adapter, EU Power Cord</td>
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<td>4-Port USB 2.0 100m CAT 5e/6/7 Extender System, 100-240V Power Adapter, UK Power Cord</td>
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