Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com**

Your contact

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Icron USB 3-2-1 Starling™ 3251C Series
1-Port USB 3.2 Gen 1 Type-C 10m Extender System

Short-Distance USB 3-2-1 Extension Solutions

The Icron USB 3-2-1 Starling 3251C Series provides short-distance extension with all USB 3.2 Gen 1 (5Gbps), USB 2.0/1.1 device types across a point-to-point connection. Bus-powered, the 3251C is available with either a custom fixed length CM or Plenum-Rated cable.

LEX   REX

10m Custom Link Cable with included Cable Pulling Eye Tool
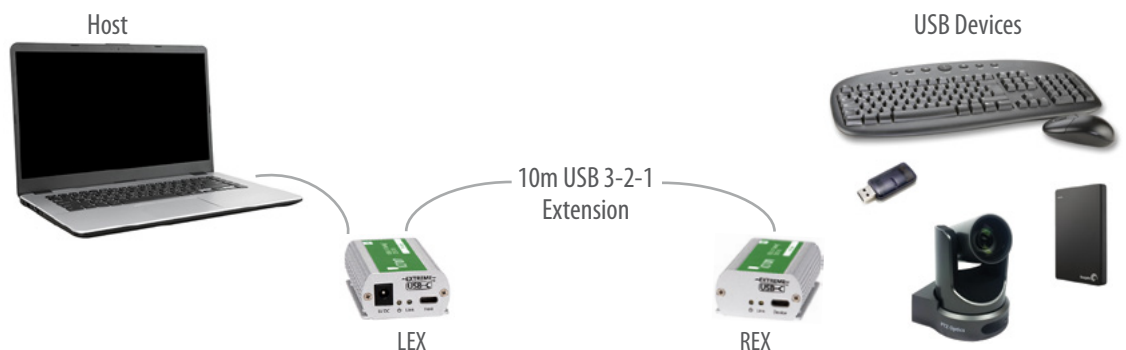
Summary of Features

- USB 3.2 Gen 1 data rate up to 5Gbps
- Supports all USB 3.2 Gen 1, 2.0, 1.1 devices simultaneously at full bandwidth
- USB-C port connectivity (USB data only)
- Bus-powered with optional DC input
- Single custom 10-meter CM or Plenum-Rated Link Cable with included Cable Pulling Eye Tool
- FCC and CE (Class A) 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
- Conference Rooms
- Security and Monitoring
- Test and Measurement

Host   USB Devices

10m USB 3-2-1 Extension

LEX   REX

EXTREME
USB-C™

LEX (LOCAL EXTENDER) MECHANICALS	REX (REMOTE EXTENDER) MECHANICALS	CUSTOM LINK CABLE
1x USB 3.2 Gen 1 Type-C Receptacle	1x USB 3.2 Gen 1 Type-C Receptacle	10m CM or Plenum-Rated Active Copper Cable
1x ARJ45 Link Port (For included cable only)	1x ARJ45 Link Port (For included cable only)	Bend Radius: 35mm (1.4")
5V 3A DC Jack (Power supply sold separately)	86.0 x 45.0 x 24.0mm (3.4" x 1.8" x 0.9")	Conduit Diameter (min): 19mm (3/4")
86.0 x 45.0 x 24.0mm (3.4" x 1.8" x 0.9")	Silver Anodized Aluminum	ARJ45 Connector Width: 13mm (0.5")
Silver Anodized Aluminum		

Cable Pulling Eye Tool
Width: 18mm (0.7")

ARJ45 Connector Width: 13mm (0.5")

RANGE

Point-to-Point:	10 meters (32.8 feet)

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, Isochronous and Bulk)
Available Current at REX:	Up to 900mA
Max Number of USB Devices:	30, including hubs

ENVIRONMENTAL

Temperature:	Operating: $0^{O}C – 50^{O}C$ ($32^{O}F – 122^{O}F$) , Storage: $-20^{O}C – 70^{O}C$ ($-4^{O}F – 158^{O}F$)
Humidity:	Operating 20-80% , Storage 10-90% Relative Humidity Non-Condensing

COMPLIANCE

Certifications	FCC (Class A), CE (Class A), RoHS2/3 (CE), ICES-003 Issue 7, EN 62368-1

SUPPORT

Warranty:	2 years

Ordering Information

The Icron USB 3-2-1 Starling 3251C system includes a LEX, REX, USB 3.2 Gen 1 USB-C Cable (USB only), 10m Link Cable* (CM or Plenum-Rated depending on the model), Cable Pulling Eye Tool, Quick Start Guide and two-year warranty.

PART #	NAME	DESCRIPTION
00-00456	Icron USB 3-2-1 Starling 3251C-10	1-Port USB 3-2-1 Type-C 10m Extender, CM Cable
00-00457	Icron USB 3-2-1 Starling 3251C-10-PL	1-Port USB 3-2-1 Type-C 10m Extender, Plenum Cable
00-00459	Icron USB 3-2-1 Starling 3251C-10-NC*	1-Port Icron USB 3-2-1 Starling 3251C-10, No CM Cable
00-00464	Icron USB 3-2-1 Starling 3251C-10-PL-NC*	1-Port Icron USB 3-2-1 Starling 3251C-10-PL, No Plenum-rated Cable
21-00159	10m CM Link Cable only	Packaged 10m CM Link Cable
21-00160	10m Plenum Link Cable only	Packaged 10m Plenum Link Cable
21-00111	5V 3A Power Adapter (Level VI) 1.7mm ID	AC Desktop Adapter, 5V 3A, Lvl6, Intnl, 1.7mm (ID) plug, IEC320-C7/C8 2-pin
21-00115	NA Ungrounded Power Cord	Cable Power IEC320-C7/C8 1.83m 2-pin NA
21-00116	EU Ungrounded Power Cord	Cable Power IEC320-C7/C8 1.83m 2-pin EU
21-00117	UK Ungrounded Power Cord	Cable Power IEC320-C7/C8 1.83m 2-pin UK
21-00118	AU Ungrounded Power Cord	Cable Power IEC320-C7/C8 1.83m 2-pin AU
21-00109	JP Ungrounded Power Cord	Cable Power IEC320-C7/C8 1.5m 2-pin JP
21-00155	Starling Silver USB Mounting Kit	USB Mounting Kit (Starling) SIlver - 4 Brackets

*00-00459 and 00-00464 SKUs must use 21-00159 or 21-00160 (respectively) to function.