



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) device types across a point-to-point connection up to 10 meters and is backwards compatible to USB 2.0 and 1.1 Bus-powered, the 3251C is available with either a CM or Plenum-rated custom cable.

Icron

An Analog Devices Brand

4664 Lougheed Hwy.
Suite 221
Burnaby, BC,
V5C 5T5, Canada

www.icron.com
+1 604 638 3920

Product Contents

- USB 3-2-1 Starling 3251C LEX
- USB 3-2-1 Starling 3251C REX
- USB 3.2 Gen 1 USB-C Cable (USB only)
- 10m Link Cable* (CM or Plenum-rated)
- Cable Pulling Eye*
- Quick Start Guide



LEX



REX

Summary of Features

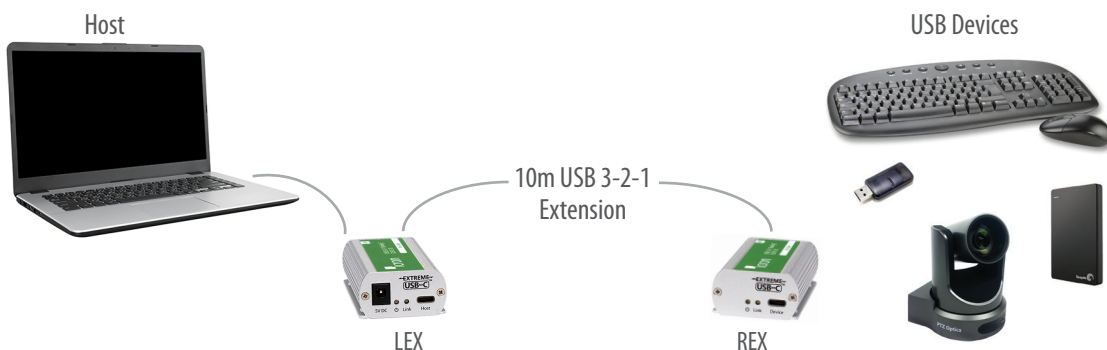
- USB 3.2 Gen 1 data rate up to 5Gbps
- Supports all USB 3.2 Gen 1, 2.0, 1.1 devices simultaneously at full bandwidth
- USB-C port connectivity (USB data only)
- Bus-powered with optional DC input
- Custom single 10-meter CM or Plenum-rated cable
- FCC and CE (Class A) compliant

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
- Security and Monitoring
- Conference Rooms
- Test and Measurement



Specifications subject to change without notification.



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Icron USB 3-2-1 Starling 3251C Series Specifications



LEX (LOCAL EXTENDER) MECHANICAL DATA		REX (REMOTE EXTENDER) MECHANICAL DATA	
1x USB 3.2 Gen 1 Type-C Receptacle		1x USB 3.2 Gen 1 Type-C Receptacle	
1x ARJ45 Link Port (For included cable only)		1x ARJ45 Link Port (For included cable only)	
5V 3A DC Jack (Power supply sold separately)		86.0 x 45.0 x 24.0mm (3.4" x 1.8" x 0.9")	
86.0 x 45.0 x 24.0mm (3.4" x 1.8" x 0.9")		Silver Anodized Aluminum	
Silver Anodized Aluminum			
			
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°C – 50°C (32°F – 122°F), Storage: -20°C – 70°C (-4°F – 158°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 model), Cable Pulling Eye*, Quick Start Guide and two-year warranty. To order or for more information, please contact us at www.icron.com/contact or call +1 604 638 3920.

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, Intl, 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 do not include 10m Link Cable or Pulling Eye and is available for purchase separately.