

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	PRELIMINARY RELEASE	11/16/2023	DFRISIELLO	GUTTADAURO

EXTENDER UNITS	SPECIFICATIONS	LEX (LOCAL EXTENDER)	REX (REMOTE EXTENDER)
	USB Connectors	3 x USB Type A Receptacles, 1 x USB Type B Receptacle	4 x USB Type A Receptacles
Link Connector	1 x RJ45		
Dimensions	100mm (W) x 86mm (D) x 26mm (H) / 3.94" (W) x 3.39" (D) x 1.02" (H)		
Enclosure Material	Silver Anodized Aluminum		
Available Current	Supplies up to 1.5A at each port, 3.5A total		
Power Supply	100-240V AC Input, 24V 1A DC Output (Optional, sold separately)		
RANGE	Direct Connect	Up to 100m (330 ft) over solid core CAT 5e/6/7	
	Network Connect	Up to 100m (330 ft) between switches over solid core CAT 5e/6/7	
USB DEVICE SUPPORT	Network and Direct Connect	Up to 480Mbps*	
	Traffic Types	All USB 2.0 Traffic Types	
	Device Types	All USB 2.0 Device Types	
Maximum Devices	Supports up to 30		
NETWORKING	Standards	1000BASE-T*, IEEE 802.3at PoE+ (25.5W)	
	Data Traffic	Layer 2	
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	Certifications	FCC (Class A), CE (Class A), RoHS2/3 (CE), ICES-003 Issue 7, EN 62368-1	
SUPPORT	Warranty	2-year	



NAME	DESCRIPTION
USB 2.0 Ranger 2304PoE	3-Port LEX and 4-Port REX USB 2.0 Extender System, Power over Ethernet, USB A/B cable

NOTES:

1. COMPONENTS SHALL BE PACKAGED TOGETHER AND LABELED.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5]	FRACTIONS
.XX = ±.02 [0.5]	± 1/32
.XXX = ±.005 [0.13]	ANGLES ± 1°

CABLE LENGTH TOLERANCES:

≤12 [305]	±.1 [25] / -0
>12 [305] ≤ 60 [1524]	±.2 [51] / -0
>60 [1524] ≤ 120 [3048]	±.4 [102] / -0
>120 [3048] ≤ 300 [7620]	±.6 [152] / -0
>300 [7620]	±.8 [203] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION				
ICRON USB RANGER 2304POE LEX+REX				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	ICR2304POE	A