

USB 2.0 RG2304SP Extender (for private label)

4-port USB 2.0 Simultaneous Users Interaction Extender System with Power over Ethernet

Local Extender



Remote Extender



The USB 2.0 RG2304SP is a PoE + (25.5W) powered USB 2.0 high-speed OEM extension solution supporting a “virtual hub-like” feature called Simultaneous Users Interaction where multiple users in multiple locations can collaboratively view and edit common files over a Local Area Network (LAN) in real time using keyboards, mice and touch screens. Three USB A ports are available on the local extender, eliminating the need to connect an external USB hub to the host.

Features

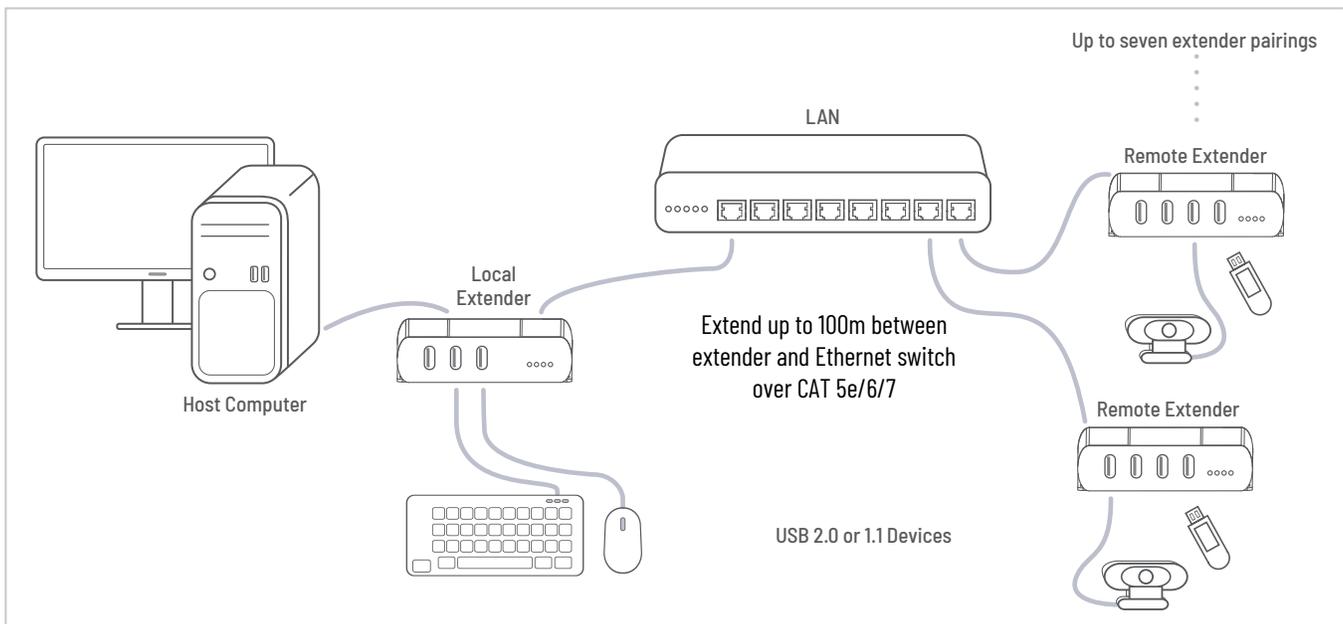
- ▶ Extends USB over an IEEE 802.3at PoE+ capable 1000Mbps LAN
- ▶ SwitchableUSB™ USB for switching one-to-one extender pairings
- ▶ Simultaneous Users Interaction for one-to-seven extender pairings
- ▶ Supplies up to 1.5A at each port, 3.5A total
- ▶ FCC/CE Class A certification

Applications

- ▶ Remote storage
- ▶ Industrial control
- ▶ Security and monitoring
- ▶ Keyboards and mice

Includes the ExtremeUSB® suite of features:

- ▶ Transparent USB extension
- ▶ True plug and play; no software drivers required
- ▶ Works with all major operating systems; Windows®, macOS™, Linux® and ChromeOS™



USB 2.0 RG2304SP Specifications

	SPECIFICATIONS	LOCAL EXTENDER	REMOTE EXTENDER
EXTENDER UNITS	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	Black 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	
SUPPORT	Warranty	2-year	

* If both PoE power and the external power adapter are present, the external power supply serves as the main source of power.

** Maximum speed is heavily dependant on network configuration, bandwidth and performance. 1000Base-T is highly recommended for best performance.

Ordering Information



The RG2304SP comes with a 2-year warranty and is available for private label with Local and Remote extenders sold separately or customized as a system. For more information, contact us online at icron.com/contact, by email at icronSales@analog.com, or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00811	USB 2.0 RG2304SP - Local Extender	3-Port USB 2.0 RG2304SP, Local Extender with Power over Ethernet LAN, USB A/B cable, Unbranded
01-00812	USB 2.0 RG2304SP - Remote Extender	4-Port USB 2.0 RG2304SP, Remote Extender with Power over Ethernet LAN, Unbranded
10-00536	USB Mounting Kit - Black	Kit includes: 2 brackets, 4 locking washers, 4 (M2.5 x 8mm) Phillips pan head screws. Order: 1 kit per Local or Remote Extender; 2 kits per system.
21-00110	24V 1A AC Power Adapter (Level VI)	24V 1A DC Output, 100-240VAC Input Power Supply with 2.1mm (ID) Plug and IEC320-C7/C8 2-pin connector
21-00115	NA Ungrounded Power Cord	IEC320-C7/C8 2-pin Power Cord for North America
21-00116	EU Ungrounded Power Cord	IEC320-C7/C8 2-pin Power Cord for European Union
21-00117	UK Ungrounded Power Cord	IEC320-C7/C8 2-pin Power Cord for United Kingdom
21-00118	AU Ungrounded Power Cord	IEC320-C7/C8 2-pin Power Cord for Australia/New Zealand
21-00109	JP Ungrounded Power Cord	IEC320-C7/C8 2-pin Power Cord for Japan