

# DATA SHEET



## 4-Port USB 3.1 Over Cat6a Extender

Extend USB 3.1 Gen 1, 2.0 and 1.1 devices across a point-to-point connection up to 328 feet over a single Cat6a cable

### OVERVIEW

The 4-Port USB 3.1 Over Cat6a Extender was designed to extend USB 3.1, 2.0 and 1.1 devices simultaneously up to 328 feet over a single Cat6a cable, making it a perfect solution for USB 3.1 conferencing cameras, interactive white boards, security and monitoring, video matrix systems, remote storage, and/or any other USB 3, 2 and 1 device.

No software drivers required, making installation quick and easy with true plug and play convenience. Simply connect the Transmitter to the source computer, extend with a single Category cable, and connect the Receiver to as many as four USB devices.

The 4-Port USB 3.1 Over Cat6a Extender provides the ability to connect USB 3.1 Gen 1 (5Gbps) device types and is backward compatible to USB 2.0 and 1.1 across a point-to-point connection. The extender also includes an Ethernet pass-through for connecting to network enabled devices or to use existing infrastructure without losing LAN connectivity.

### FEATURES

- USB 3.1 Gen 1 data rate up to 5Gbps
- Integrated 4-port USB 3.1 hub
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Up to 1.2A (6W) per USB port
- 100/1000Mbps Ethernet channel; LAN pass-through
- Point-to-point connection
- Requires a single Cat6a cable
- Plug and Play—no driver required

### ITEM DESCRIPTION

29523 4-Port USB 3.1 Over Cat6a Extender

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## SPECIFICATIONS: 4-Port USB 3.1 Over Cat6a Extender

### PHYSICAL CHARACTERISTICS

- 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
- Molding Material: White PVC Conforms to RoHS
- Product is CE Marked and Conforms to 2011/65/EU RoHS2

#### Speeds

- USB 3.1: Up to 5Gbps
- USB 2.0: Up to 480Mbps
- USB 1.1: Up to 12Mbps

#### LEX (Local Extender)

- 1x USB 3.1 Gen 1 Type-B Receptacle
- 1x RJ45 Ethernet 100/1000 Port
- 1x RJ45 Ethernet Link Port
- 24V 1A DC Locking Jack
- Enclosure Material: Silver Anodized Aluminum
- Dimensions: 137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")
- 920g (2.03 lbs.)
- Mounting: 4 Surface Mounting Holes or Optional Mounting Kit Available

#### REX (Remote Extender)

- 4x USB 3.1 Gen 1 Type-A Receptacles
- 1x RJ45 Ethernet 100/1000 Port
- 1x RJ45 Ethernet Link Port
- 24V 2.71A DC Locking Jack
- Available Current: Up to 1.2A (6W) per USB port
- Enclosure Material: Silver anodized aluminum
- Dimensions: 137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")
- 990g (2.18 lbs.)
- Mounting: 4 surface mounting holes or optional mounting kit available

#### Compliance

- EMC: FCC (Class B), CE (Class B)
- Environmental: RoHS2, REACH, Conflict Minerals"

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