

USB 3 Extenders

ORDERING INFORMATION

999-1005-032 (North America)

999-1005-132 (Europe/UK)

OVERVIEW

The Vaddio USB 3 Extenders enable you to extend USB 3.1 beyond the standard 3m cable limit for USB 3.1 peripheral devices (like a camera or other av source). This extender system is composed of two individual units, the Local Extender and the Remote Extender.

FEATURES

- Up to 328 ft (100 m) of extension when directly connected over CAT 6a/7 cable
- USB 3.1 Gen 1 data rate up to 5Gbps
- Supports up to four remote USB devices simultaneously at full bandwidth (5Gbps)
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™, Linux® and Chrome OS™
- 100/1000 Ethernet channel; LAN pass-through



WHAT'S INCLUDED

- Local (Rx) extender
- Remote (Tx) extender
- USB 3.1 Gen 1 cable, 6 ft (1.8 m)
- Local extender 24V DC 1A power adapter with AC cord set(s)
- Remote extender 24V DC 2.71A power adapter with AC cord set(s)
- Quick-Start Guide

CONNECTOR PANELS

Local (Receiver - Rx) Extender



Remote (Transmitter - Tx) Extender



TECHNICAL SPECIFICATIONS

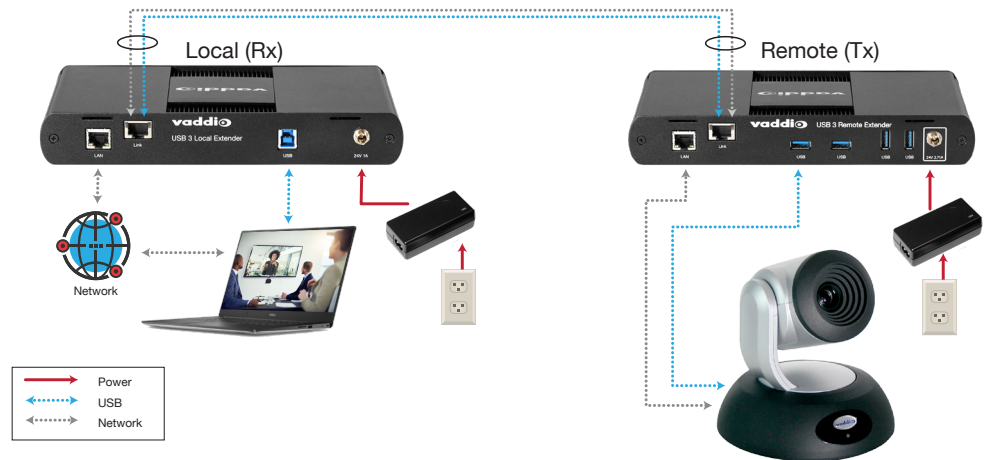
Range	
Point-to-Point	Up to 100 m (328 ft) over CAT6a/7 Cable
USB Device Support	
USB Bandwidth	Up to 5Gbps
USB Support	USB 3.1 Gen 1, USB 2.0, USB 1.1
Available Current	Up to 1.2 Amp (6W) to each USB port
USB Speeds	SuperSpeed 5Gbps, High-Speed, Full Speed, Low-Speed
Host Compatibility	OHCI, UHCI, EHCI, xHCI
Available Current at Remote	1.2A (6W) per USB port
Device Types	All Device Types
Maximum Number of Devices and/or Hubs	Up to 30 devices
Local Extender	
USB Port	1 x USB 3.1 Gen 1 Type B Receptacle
Link Port	1 x RJ45 Ethernet
LAN Port	1 x RJ45 Ethernet 100/1000
Dimensions	5.4 x 9.1 x 1.3 in (137.3 x 232.1 x 33.0 mm)
Enclosure Material	Black Anodized Aluminum
Power Supply	100-240V AC Input, 24V 1A DC Output, Locking Jack
Weight	2 lbs (920 g)

Remote Extender	
USB Connector	4 x USB 3.1 Gen 1 Type A Receptacles
Link Port	1 x RJ45 Ethernet
LAN Port	1 x RJ45 Ethernet 100/1000
Dimensions	5.4 x 9.1 x 1.3 in (137.3 x 232.1 x 33.0 mm)
Enclosure Material	Black Anodized Aluminum
Power Supply	100-240V AC Input, 24V 2.71A DC Output, Locking Jack
Weight	2.2 lbs (990 g)
Environmental	
Operating Temperature Range	0°C – 50°C (32°F – 122°F)
Storage Temperature Range	-20°C – 70°C (-4°F – 158°F)
Operating Humidity	20% to 80% relative humidity, non-condensing
Storage Humidity	10% to 90% relative humidity, non-condensing
Compliance	
EMC	FCC (Class B), CE (Class B)
Environmental	RoHS2 (CE)

Specifications are subject to change without notice.

BASIC CONNECTION

In this scenario, USB and network connectivity extend to a camera installed some distance away.



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