1-Port Industrial USB over Cat6 Extender, ESD Protection, PoC - USB 2.0, Mountable, 150 ft. (45.72 m), TAA

MODEL NUMBER: **B203-101-IND**







Industrial-grade transmitter/receiver combo connects your office laptop or PC to a webcam or other USB peripheral up to 150 ft. away.

Features

Industrial-Grade Extender Connects Your Computer to a USB Device up to 150-ft. (45.7 m) Away This plug-and-play extender kit with heavy-duty all-metal housings is ideal for connecting your office computer's USB-A port to a printer, 1080p webcam, external hard drive or other USB device located up to 150-ft. (45.7 m) (45 meters) away. The B203-101-IND includes a local transmitter and a remote receiver that extends USB 2.0 signals over user-supplied Cat5/6 cabling (such as N202-Series Cat6 Ethernet cables).

Protects Your Devices against Electrostatic Discharge (ESD) Machines on the shop floor can generate electrostatic discharges, wiping out data and damaging sensitive electronics. This extender kit provides ESD protection to ±15 kV, reducing potential static damage to your connected USB peripherals. The durable metal transmitter and receiver units withstand harsh physical conditions in industrial and commercial applications, such as factories, construction sites, supply rooms and warehouses.

With Great Distance Comes Great Flexibility By extending the USB connection beyond the standard 16-foot distance limitation to 150-ft. (45.7 m), the B203-101-IND provides workstation flexibility to place your computer and the USB device where they are best suited. This extender kit supports USB 2.0 data transfer rates up to 480 Mbps and is backward compatible with USB 1.1 technology, allowing you to connect legacy devices. No network connectivity is needed.

Plug-and-Play Kit Offers Flexible Power and Installation Options With user-supplied USB cables, connect the transmitter to your computer and the receiver to your USB peripheral. Connect the transmitter and receiver with a user-supplied Cat5/6 cable (all cables sold separately). The extender kit requires no software to download and install. The metal chassis rest easily on any flat surface or mount to a wall or DIN rail using the included hardware. A power supply with international plug adapters as well as a RS-232 Phoenix adapter supporting a DC voltage range from 9-36V is included for connecting external power to the unit as needed.

TAA-Compliant for GSA Schedule Purchases The B203-101-IND is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Supports USB 2.0 speeds up to 480 Mbps to ensure reliable data transfers
- Power over Cable (PoC) provides power to the transmitter via Cat5/6 cable
- ESD protection to ±15 kV cuts potential static damage to your connected peripherals
- Industrial-grade metal housings withstand harsh warehouse and factory environments
- Compatible with all major operating systems, including Windows, Mac OS and Chrome

Applications

- Connect an impact printer or 1080p webcam using existing in-wall Cat5/6 wiring to a computer, laptop or server located in another room
- Eliminate excessive cable clutter with the extender kit's PoC capability
- Place the computer or server in a locked cabinet or closet to protect against tampering
- Mount to a wall or DIN rail in a harsh environment, such as a factory, construction site, supply room or warehouse

System Requirements

- Computer, laptop or server with USB-A port
- Cat5/5e/6/6a cabling
- Any major operating system, including Windows, Mac OS and Chrome

Package Includes

- Transmitter
- Receiver
- (2) DIN rail mounts
- (4) M4 screws
- RS-232 Phoenix adapter
- International power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- (4) Plug adapters (North America, Europe, U.K., Australia)

Downloaded from Arrow.com.

- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332256072
Technology	USB 2.0 (High Speed)
VIDEO	
HDR Support	No
INPUT	
Product Length (in.)	4.528
Product Length (cm.)	11.501
Product Length (ft.)	0.377
Product Length (m)	0.115
POWER	
Power Over Cable (PoC) Support	Yes
Output Volt/Amp (from external power supply)	5V/2A
USB Power Delivery (PD) Charging Support	No
CONNECTIONS	
Number of Ports	4
Side A - Connector 1	USB B (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	USB A (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Connector Plating	Nickel
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Transmitter: 1x Green (Connection); 1x Orange (Signal) Receiver: 1x Green (Connection); 1x Orange (Activity)
PHYSICAL	
Color	Black
Material of Construction	Metal

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Receiver Unit Dimensions (hwd / cm.)	11.501 x 6.240 x 2.700
Receiver Unit Dimensions (hwd / in.)	4.528 x 2.457 x 1.063
Receiver Unit Weight (lbs.)	1
Transmitter Unit Dimensions (hwd / cm.)	11.501 x 6.240 x 2.700
Transmitter Unit Dimensions (hwd / in.)	4.528 x 2.457 x 1.063
Transmitter Unit Weight (lbs.)	1
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45
ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Operating Humidity Range	0 - 85% RH, NON-CONDENSING
Storage Humidity Range	0 - 85% RH, NON-CONDENSING
ESD Protection	15KV
COMMUNICATIONS	
Signal Range (ft.)	150
Signal Range (m)	46
Transmission Distance	45m (150 ft)
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
USB Extension Support	No
FEATURES & SPECIFICATIONS	
USB Specification	USB 2.0 (up to 480 Mbps)
Driver Required	No
Recommended Category Cable	Cat5e/Cat6
STANDARDS & COMPLIANCE	
Product Certifications	NOM (Mexico)
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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