1-Port Industrial USB over Cat6 Extender, ESD Protection, PoC - USB 2.0, Mountable, 330 ft., TAA

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

Industrial-grade transmitter/receiver combo connects your office laptop or PC to a webcam or other USB peripheral up to 330 ft. away.

Features

Industrial-Grade Extender Connects Your Computer to a USB Device up to 330 ft. 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 330 feet (100 meters) away. The B203-101-IND-ER includes a local transmitter and a remote receiver that extends USB 2.0 signals over user-supplied Cat6 cabling (such as N202-Series Cat6 Ethernet cables).

Built-In Power over Cable Technology Provides Power to Avoid Bulky Power Bricks
PoC powers the transmitter over Cat6 cable. Green and orange LEDs on both units will light up to indicate they are receiving power and data is being transmitted. PoC gives you the freedom to place the transmitter or receiver away from AC outlets, avoiding the hassle of running new power lines and multiple bulky power bricks. *Note: if connected to a high-density USB hard drive, you may use the receiver's RS-232 Phoenix connector or external power supply to add external power.*

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 330 feet, the B203-101-IND-ER 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 300 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 Cat6 cable (all cables sold separately). The extender kit requires no software to download and install. The metal chassis rest easily

Highlights

- Supports USB 2.0 speeds up to 300 Mbps to ensure reliable data transfers
- Power over Cable (PoC) provides power to the transmitter via Cat6 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, macOS and Chrome

Applications

- Connect an impact printer or 1080p webcam using existing in-wall Cat6 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
- Cat6/6a cabling
- Any major operating system, including Windows, macOS 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)

1000 Eaton Boulevard
Cleveland, OH 44122
United States

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, are included for connecting external power to the unit as needed.

- Owner's manual

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

Specifications

OVERVIEW	
UPC Code	037332260598
Technology	USB 2.0 (High Speed)

VIDEO	
HDR Support	No

INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.35A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.37

POWER	
Power Source Type	AC Adapter
Power Over Cable (PoC) Support	Yes
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve

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
Receiver Unit Dimensions (hwd / cm.)	11.5 x 6.24 x 2.7
Receiver Unit Dimensions (hwd / in.)	4.528 x 2.457 x 1.063
Receiver Unit Weight (kg)	0.45

Receiver Unit Weight (lbs.)	1
Transmitter Unit Dimensions (hwd / cm.)	11.5 x 6.24 x 2.7
Transmitter Unit Dimensions (hwd / in.)	4.528 x 2.457 x 1.063
Transmitter Unit Weight (kg)	0.45
Transmitter Unit Weight (lbs.)	1
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45

ENVIRONMENTAL

Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0 - 85% RH, NON-CONDENSING
ESD Protection	15KV

COMMUNICATIONS

Signal Range (ft.)	330
Signal Range (m)	101
Transmission Distance	100m (330 ft)
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
USB Extension Support	No

CONNECTIONS

Number of Ports	1
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

FEATURES & SPECIFICATIONS

Data Transfer Rate	300 Mbps
Driver Required	No
Recommended Category Cable	Cat6/6a

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; GS; TUV; UL
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