
USB 2.0 EXTENDER OVER CAT5/6/7 CABLE



BG-USB-LR100 extends the USB 2.0 port of the PC to distances up to 100 meters with a data transfer rate of up to 480 Mbps through a network cable.

Reference: BG-USB-LR100

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After installation, the receiver will function as a standard USB 2.0 hub. It will not require any additional software or drivers to be installed on the PC.

Only one side (transmitter or receiver) needs to be powered with the included adapter. The Power over cable functionality allows the transmitter to power the receiver and vice versa depending on the configuration.

Features

- USB Protocol: USB 2.0
- Transmission Speed: Up to 480Mbps
- Transmission Distance: 100 Meters (328 feet)
- ESD Protection: Human Body Model: $\pm 8\text{kV}$ (air discharge), $\pm 4\text{kV}$ (contact discharge)

Connections

- Transmitter: Input Port: 1xUSB [USB-B, female]
- Output Port: 1xCAT [RJ45, female]
- Receiver: Input Port: 1xCAT [RJ45, female]
- Output Port: 2xUSB [USB-A, female]

Mechanical

- Metal Case
- Color: Black
- Dimensions: Transmitter / Receiver: 3.2" (L) x 1.9" (W) x 0.8" (H) [82 mm (L) x 49 mm (W) x 20 mm (H)]
- Weight Transmitter / Receiver: 100g
- Power Supply: Input: AC100~240V 50/60Hz, Output: DC 12V/1A
- Power Consumption: Transmitter: 1.3 W, Receiver: 2.3 W
- Operating Temperature: 32°F ~ 104°F / 0°C ~ 40°C
- Storage Temperature: -4°F ~ 140°F / -20°C ~ 60°C
- Relative Humidity: 20~90% RH (non-condensing)

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