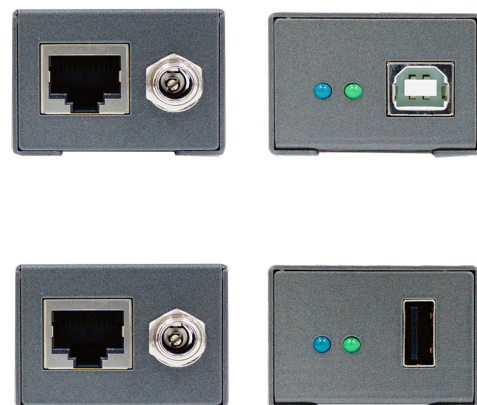# EXT-USB2.0-SR

USB 2.0 SR EXTENDER OVER ONE CAT-5 CABLE

GEFEN

EXTEND USB 2.0 UP TO 50 METERS/165 FEET, OVER A SINGLE CAT-5

The Gefen EXT-USB2.0-SR extends high-speed USB devices over a single CAT-5e cable, up to 50 meters/165 feet. It works with all major operating systems -- Windows, macOS and Linux. No software drivers are required.

The Sender and Receiver units install in minutes without any configuration, and support USB versions 2.0 and 1.1 - essential for high-performance applications such as digital imaging and interactive gaming.

The full-size Type-A USB connector on the Receiver unit can supply up to 2 Amps of current at 5V, ensuring sufficient power for practically any USB device.

Sender and Receiver are compact in size, easy to install, and can be hidden away. Their sturdy metal enclosures ensure best possible performance by providing insulation against electromagnetic interference from other devices nearby.

The Gefen USB 2.0 Extender is ideal for remotely accessing laser printers, scanners, external hard drives, optical disc burners, flash drives, and standard resolution web cams.

A powered USB hub may be connected to the USB 2.0 SR Receiver to allow for the connection of additional USB devices.

Applications such as Remote Desktop (keyboard/mouse/touchscreen), security, industrial control, digital signage control, and scientific data acquisition are all made possible thanks to EXT-USB2.0-SR's universal implementation of USB standards.
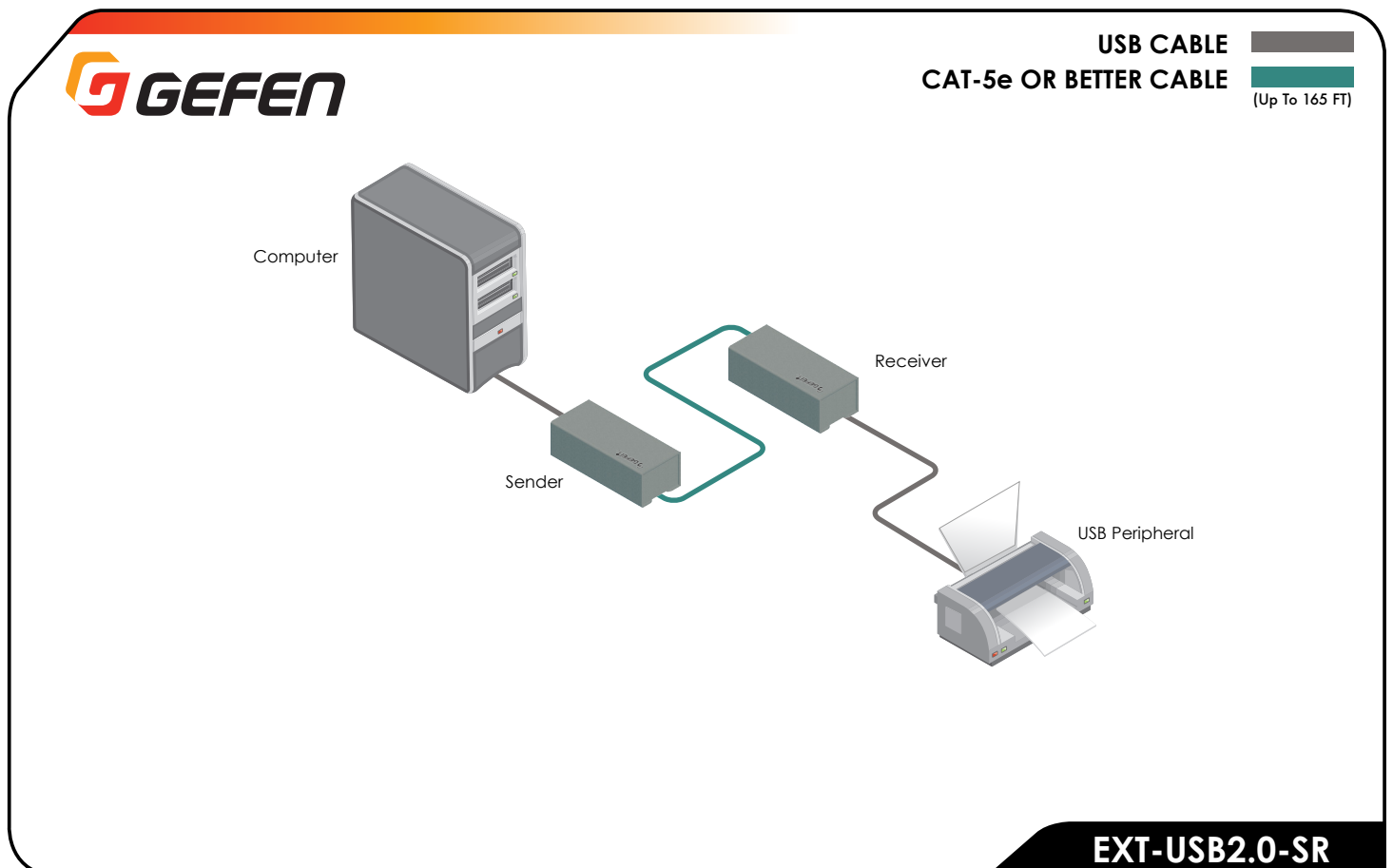
Note: Using a USB hub at the output of the EXT-USB2.0-SR would reduce the extension range to approximately 40 meters/132 feet. The exact range reduction would depend on the USB hub design. Some hubs may perform better than others.

FEATURES*

- Extends USB 2.0 peripherals up to 165ft (50m) away from a computer

- Supports USB 1.1 and 2.0

- Uses industry-standard CAT-5e or better cable

- Supports all major operating systems -- Windows, macOS and Linux

- True plug-and-play, 100% hardware solution with no drivers required

- Can support the full 480 Mbps speed of USB 2.0

- Receiver supports a powered USB connection up to 2A at 5V

- Sturdy metal construction of the enclosures help provide immunity against Electro-Magnetic Interference (EMI) and radiated noise (RFI)

- Compact enclosures are easy to install and can be hidden away

SPECIFICATIONS*

- USB 2.0 Speed: Up to 480 Mbps
- Link Connectors (Sender/Receiver): RJ-45, Shielded
- USB Connector (Sender): (1) USB type B
- USB Connector (Receiver): (1) USB type A
- USB Port Current Capability (Receiver): 2A at 5V DC
- Link Indicator (Sender/Receiver): (1) LED, green
- Power Indicator (Sender/Receiver): (1) LED, blue
- Power Supply Connectors (Sender/Receiver): Locking-type, 5.5mm barrel/2.5mm pin
- Power Supply Voltage (Sender/Receiver): 5V DC
- Power Consumption (Sender/Receiver): 0.65W/0.8W (maximum)
- Operating Temperature: +32°F to +122°F (0°C to +50°C)
- Storage Temperature: -4°F to 158°F (-20°C to 70°C)
- Operating Humidity: 5% to 90% relative humidity, non-condensing
- Storage Humidity: 0% to 95% relative humidity, non-condensing
- MTBF: 50000 hours
- Dimensions (W x H x D) (Sender/Receiver): 3.4" x 1.1" x 1.5" (85mm x 28mm x 38mm)
- Net Weight (Sender/Receiver): 0.3 lbs. (0.13 kg)
- Shipping Weight: 2.2 lbs. (1 kg)

USB CABLE
CAT-5e OR BETTER CABLE
(Up To 165 FT)

Computer

Receiver

Sender

USB Peripheral

EXT-USB2.0-SR

* Features and specifications are subject to change without notice.

EXT-USB2.0-SR - Rev B - Dec 2017