



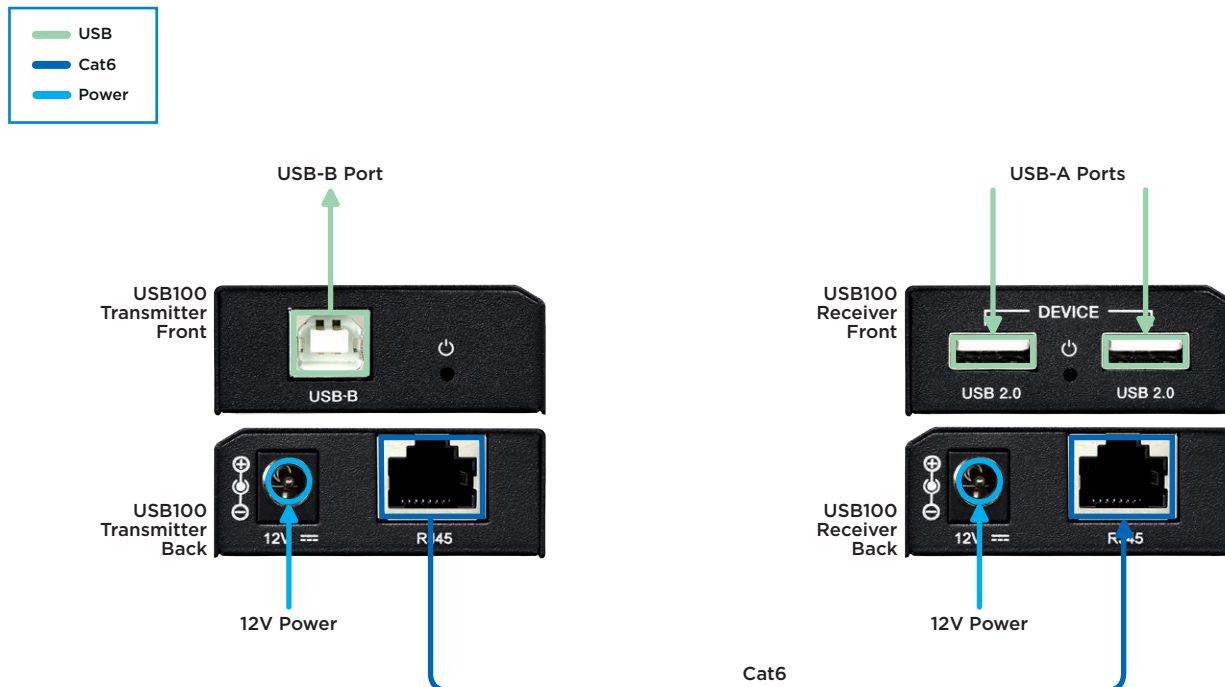
USB100

The USB100 can extend USB 2.0 data signal at a rate of 170Mbps over a single Cat6 cable to 100m. Offering full compliance of all USB 2.0 formats, this device will ensure flawless operation and transfer of data including; Video and Audio streams as well as HID (Keyboard & Mouse). It comes equipped with 2x USB-A connectors for connection of your peripheral devices at the receiver end, and a USB-B port at the transmitter end for connection of the computer or other host device. Two 12V power supplies are included for connection at both RX & TX. USB extension made easy! Simply Plug & Go.

FEATURES

- USB 2.0 Cat6 extender
- 170 Mbps upto 100m
- Supports all USB 2.0 or below
- Supports Bulk, Control, Interrupt, and Isochronous Transfers
- Perfect for Keyboard, mouse, video, and audio
- Small form factor

CONNECTIVITY ILLUSTRATION



SPECIFICATIONS

| | | |
|------------------------------|---|--|
| PART NUMBER | SY-USB100 | |
| DATA RATE | Up to 170 Mbps | |
| CONNECTIONS | Transmitter 1x USB Type B 1x RJ45 Cat cable 1x 12V DC PSU input | Receiver 2x USB Type A 1x RJ45 Cat cable 1x 12V DC PSU input |
| POWER SUPPLY | 12V 1A DC | |
| POWER CONSUMPTION | Transmitter: 1.3W | Receiver: 2.3W |
| OPERATING TEMPERATURE | 0-40°C | |
| OPERATING HUMIDITY | 20-90% RH (NON-CONDENSING) | |
| WEIGHT AND DIMENSIONS | Weight (net) 0.1kg | Size (WHD) 82 x 20 x 49mm |
| WHAT'S IN THE BOX | 1x SY-USB100-T (Transmitter) 1x SY-USB100-R (Receiver) 1x 1m long USB-B to USB-A cable 2x 12V DC PSU 1x User Manual | |

SY-USB100 Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2023