

USB 3.2 Extender 100m with USB-B input SV- UE3100

Compatible USB version: Extension of USB 3.2 Gen 1 up to 100m over CAT6a

- The Solvision SV-EU 3100 extends high-speed USB 3.0 connections up to 100m using CAT 5e/6/7 cabling. This 1-port USB 3.0 extender with Extreme USB® is perfect for keyboards, mice, interactive white boards, flash drives, hard drives, audio devices, USB 3.0 1080p USB cameras and any other USB 3.0

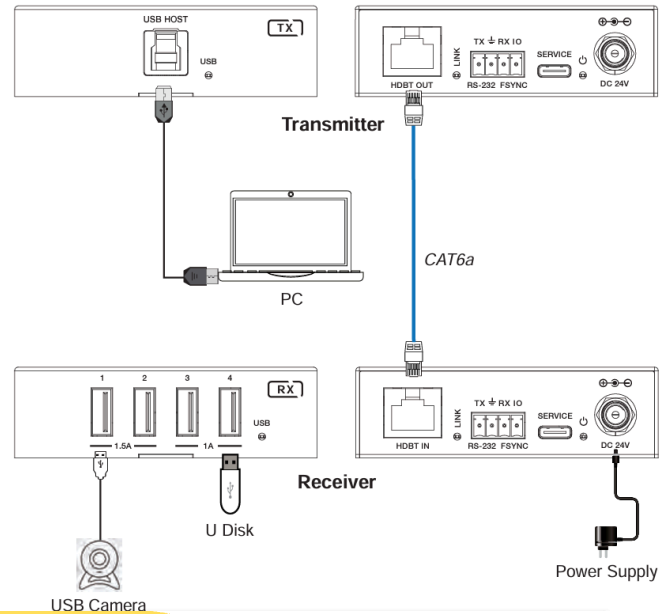


Features

- Extension of USB 3.2 Gen 1 up to 100m over CAT6a cable
- USB 3.2 connectivity with data transfer rates up to 5Gbps
- Backwards compatible with USB 2.0 and 1.1
- Hardware acceleration for isochronous and bulk transfer
- RX USB-A 2 ports provide 5V@1500mA and other 2 ports provide 5V@1000mA
- Plug-and-play with no drivers, downloads, or software required
- RS-232 passthrough
- FSYNC GPIO passthrough for industry camera use
- Bidirectional 24V POC (power over cable), when TX or RX gets power, the other end does not need an external power supply

Built-In Power over Cable Technology Provides Power to Avoid Bulky Power Bricks. POC powers the transmitter over Cat6 cable. 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.

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, warehouses in conference rooms, boardrooms, control rooms, hotels and large church facilities etc.



Specifications

RANGE

- Direct connect up to 100m (328 ft) over CAT 5e/6/7
- Transmission Rate Network Bandwidth Up to 5Gbps
- Network Bandwidth 10G

SPEEDS

- USB 3.0: up to 480 Mbps
- USB 3.0: up to 12 Mbps

LEX (Local Extender)

- USB Connector: 1 x USB Type B Receptacle
- Link Connector: 1 x RJ45
- Enclosure Material: Black anodize iron

REX (Remote Receiver)

- USB Connector: 4 x USB Type A Receptacle
- Link Connector: 1 x RJ45
- Available Current: up to 1 Amp to USB port
- Power Supply: 100-240V AC Input, 24V 1A DC Output

ENVIRONMENTAL

- Operating Temperature: 0C to 50C (32F to 122F)
- Storage Temperature: -20C to 70C (-4F to 158F)
- Operating Humidity: 20% to 80% relative humidity, non-condensing
- Storage Humidity: 10% to 90% relative humidity, non-condensing

COMPLIANCE

- EMC: FCC (Class B), CE (Class B)
- ESD Protection IEC 61000-4-2: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
- Environmental: RoHS2, REACH, Conflict Minerals
- SUPPORT -WIN 7/10, LINUX, MAC OS.
- Safety-CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)

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