

HDBT-SWUSB3R-100M

2x1 USB 3.2 Switcher with HDBT Receiver



The 100M USB 3.2 Gen 1 extender is designed to transmit USB signal up to 100m distance. HDBT-SWUSB3R-100M is the device port of the extender, it contains four USB ports. Applications include extending USB 3 conferencing cameras, video capture devices, and audio devices for boardrooms and conference rooms. It is also ideal for use with all USB peripherals in addition to USB 3.2 Gen 1 conference cameras including: flash drives, hard drives, keyboards, mice, interactive white boards, touchscreens, audio devices, and other USB 3.2 Gen1 devices.

Features

- USB3.2 Gen1 data transfer rate up to 5Gbps;
- Support extend USB signal up to 100m;
- Support RS232 pass-through/control/upgrade;
- Support USB device power management;
- Bi-directional 24V PoC power supply.

Technical specification

Devices	3 x USB [Type A] 1 x USB [Type C]
Devices Power	Devices share 3A current limit; Single port power supply maximum limit 1.7A
USB Version	USB 3.2 Gen1
Control	1 x RS232 (3 Pin 3.5mm Terminal Block)
Transmission distance	Up to 100m with CAT6A cable
PoC standard	Bi-directional 24V PoC
Data Rate	5Gbps
Operation Temperature	-10°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10% ~ 90%
External Power Supply	DC 24V 1.5A (Does not comes with Power Adaptor)
Power Consumption	19W (Max)
Dimension (W*H*D)	133.0mm x 21.5mm x 105.0mm
Net Weight	340g

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Typical applications

- Integration that requires video conferencing or live streaming solutions over a long distance.
- Schools (Classroom, Lab, Seminar, Meeting Room, Hall)
 - Place of Worship (Church, Mosque, Temple)
 - Corporate Applications (Board Room, Meeting Room, Function Room)

Diagram

