



## SWT3-41-U-T

4x1 USB Switcher Transmitter

| Ethernet - RJ-45 | CAT



SWT3-41-U-T is a high-performance switcher transmitter with two USB-C and two USB-B ports for USB host devices connection and plug and play host user auto-switching experience based on active USB signal detection. The local and remote (over CAT-links) connected USB peripherals, such as a space camera and microphone, are switchable for use of the active USB host, for convenient online meeting participants operation

### FEATURES

**Collaborative Online-meeting Switching** - Controllable switching of online-session USB host participants and space-deployed local and remote visual (such as camera) and audible (such as microphones or headsets) USB peripherals, allows collaborative online meeting and smooth content sharing operation among online meeting participants

**Comprehensive USB Extension** - Integrated dual-link transmitters for USB and LAN signals extension with 2-way power providing over extended-reach CAT twisted pair copper infrastructures. The locally selected USB host is auto-connected to remotely connected USB devices, employing either interrupt, bulk or isochronous USB 2.0 standard data transfer communication

**Cost-effective Dual-link USB Extension Deployment** - Link-paired remote USB receivers are flexibly connected via combined dual-link single CAT cable or dual independent CAT cables connections, according to space extension deployment needs. Typically used for long-distance connection of space remote two PTZ cameras, the combined dual-link single CAT cable runs to a midspan-located CAT splitter that optimally connects to receiver-connected cameras via the shortest independent CAT cables

**Flexible USB Connectivity** - Wide Variety of USB peripheral and dual-role devices can be extended including cameras, touch screens, smart boards, hard drives, game controllers, audio devices, printers, scanners, or HID (Human Interface Devices) devices such as a mouse or keyboard

**BYOD Ease and Convenience** - Connect any USB-C device as an online meeting participant, while providing the connected device with multiple concurrent capabilities of USB 3.1 and Ethernet connection, USB-driven content sharing, and (if PD-2.0-capable) up to 60 watts of power, all via a single USB-C cable connection only

**USB 3.2 Switching** - USB 3.2 signals switching, enables high data-rate connection between active USB host and space USB 3.2 and 2.0 devices, such as 4K camera, high-quality audio devices, and HID (Human Interface Devices) mouse or keyboard devices

**Auto Switcher Ease of Use** - Automatically connects the plugged host to the space connected USB peripherals, according to user-configured preferences, such as last-connected host

**Simple and Flexible Control** - Remote IP-controller connection, browser operation webpage, local panel buttons, and remotely connected contact-closure buttons triggering configurable operation functions, for easy and fully flexible USB host, and switcher control.

Flexible Connectivity

**Built-in Intelligent Control Gateway** - Remote IP-driven intelligent control of local and remote connected USB peripherals (such as PTZ cameras) and sensor devices via IP, RS-232 or I/O. Eliminating the need for an external control gateway, this feature reduces installation complexity and costs, to enable easy integration with control systems, such as Kramer Control

**Secured Operation** - Standard IT-grade 802.1x authentication for secured IT LAN connectivity operation

**Comprehensive and Cost-effective Management** - Local panel indication LEDs to facilitate easy local maintenance and troubleshooting. Remote IP-driven device firmware upgrade and management, via user-friendly embedded web pages and optional whole site management system, ensure lasting and field proven deployment

**Easy and Elegant Installation** - PoE powering via LAN port connection, 2-way powering to CAT-paired devices, and half 19" rack noise-free fan-cooled enclosure for under table mounting, or side-by-side mounting of 2 units in a 1U rack space, for easy and convenient deployment



## TECHNICAL SPECIFICATIONS

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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hosts             | 2 USB 3.2 & PD 3.0 Hosts: On USB type-C female connectors<br>2 USB 3.2 Hosts: On USB-B female connectors                                                                                                                                                                                                                                                                                                                                                                                                |
| Devices           | 3 USB 3.2 Devices: On USB-A female connectors<br>1 USB 3.2 Device: On a USB type-C female connector                                                                                                                                                                                                                                                                                                                                                                                                     |
| Inputs            | 1 Stereo Analog Balanced Audio: On a 5-pin terminal block for audio extension                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Outputs           | 2 CAT: On an RJ-45 female connector for extension line                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ports             | 1 PoE-accepting Ethernet: On an RJ-45 female connector for LAN connection and extension over CAT links<br>1 RS-232: On a 3-pin terminal block<br>2 GPIO: On a 2-pin terminal block                                                                                                                                                                                                                                                                                                                      |
| USB Features      | USB 3.2 Data Rate: Up to 10Gbps<br>Integrated USB Hubs 2 [device 1 & 2 ports] or 1 [other device ports]<br>Standards Compliance: USB 3.2 GEN 2, 2.0 and 1.1                                                                                                                                                                                                                                                                                                                                             |
| Extended USB      | Data Rate: Up to 480Mbps<br>Transmitted Data Bandwidth: Up to 300Mbps<br>Standards Compliance: 2.0 and 1.1 USB                                                                                                                                                                                                                                                                                                                                                                                          |
| Extension Line    | Reach: Up to 100m (330ft)<br>Note: When using Kramer cables                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Extended Ethernet | Data Rate: Up to 100Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Extended RS-232   | Baud Rate: 9600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power             | Power Adapter:<br>Source: 20V DC: 6A (included)<br><br>Note: For HW Rev 02 and higher, 20V PSU (power supply unit) is included (replacing the 12V PSU)<br><br>Consumption: 20V DC: 3.8A<br><br>Max Power: 20V DC: 80W<br><br>Power Adapter:<br>Source: 12V DC: 2A (optional)<br><br>Consumption: 12V DC: 1.2A<br><br>Max. Power: 12V DC: 15W<br><br>PoE<br>Consumption: 370mA<br><br>Max. Power: 20W<br><br>USB-C Host Charging<br>Max. Power: 60W<br><br>Note: When powered with 20V power supply only |

Compliance: PD 3.0

USB Device Charging  
Max. Total Current: 2A

Enclosure

Size: 0.5 1U rack

Material: Aluminum

Cooling: Fan ventilation

Product Dimensions 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H

Product Weight 0.8kg (1.9lbs) approx

Shipping Dimensions 0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00" ) W, D, H

Shipping Weight 1.4kg (3.1lbs) approx

