# SWT3-41-U-T
## 4x1 USB Switcher Transmitter

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

| Hosts | 2 USB 3.2 & PD 3.0 Hosts: On USB type–C female connectors |
| | 2 USB 3.2 Hosts: On USB–B female connectors |
| Devices | 3 USB 3.2 Devices: On USB–A female connectors |
| | 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 |
| | 1 RS–232: On a 3–pin terminal block |
| | 2 GPIO: On a 2–pin terminal block |
| USB Features | USB 3.2 Data Rate: Up to 10Gbps |
| | Integrated USB Hubs 2 [device 1 & 2 ports] or 1 [other device ports] |
| | Standards Compliance: USB 3.2 GEN 2, 2.0 and 1.1 |
| Extended USB | Data Rate: Up to 480Mbps |
| | Transmitted Data Bandwidth: Up to 300Mbps |
| | 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) |
| | Note: For HW Rev 02 and higher, 20V PSU (power supply unit) is included (replacing the 12V PSU) |
| | Consumption: 20V DC: 3.8A |
| | Max Power: 20V DC: 80W |
| | Power Adapter:<br>Source: 12V DC: 2A (optional) |
| | Consumption: 12V DC: 1.2A |
| | Max. Power: 12V DC: 15W |
| | PoE<br>Consumption: 370mA |
| | Max. Power: 20W |
| | USB-C Host Charging<br>Max. Power: 60W |
| | Note: When powered with 20V power supply only |

|                     |                                                          |
|---------------------|----------------------------------------------------------|
|                     | Compliance: PD 3.0                                       |
|                     | USB Device Charging<br>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      | 0.9kg (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                                    |