

TPUH701T

79066-H2U Data Sheet

The TPUH701T is a 3x1 Wallplate Switcher Transmitter, designed to switch and extend video signals to a distant display. This switcher features 2 HDMI and 1 USB-C inputs, and is capable of transmitting a 4K signal up to 131 feet (40 meters) or a 1080P signal up to 230 feet (70 meters) over a single cable. Inputs can be switched using the "Source/Auto" button, and the display power can be controlled via programmable RS232 using the "Display On/Off" button. The TPUH701T can also be powered using PoH from the connected HDBase-T receiver, eliminating the need for a power supply.

The TPUH701T offers a comprehensive, all-in-one solution for extending and switching HD & UHD video sources to a distant display, along with single-wire installation and remote serial control at the press of a button.

Features:

- Supports resolutions up to 4Kx2K@60/30Hz 4:4:4
- Extends 4K signal up to 130 ft (40m) or 1080P up to 230 ft (70m)
- 2 HDMI & 1 USB-C inputs, with manual or automatic switching
- Supports RS232 passthrough and PoH through single HDBase-T cable
- Compliant with HDMI 2.0 and HDCP 2.2 standards
- Shipped fully functional, pre-programmed, and rigorously tested



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Device Technical Specifications

Inputs	2 HDMI (Type-A, Female) 1 USB-C (Slimport, Female)
Supported Input Resolution	HDMI: Up to 4Kx2K@60Hz 4:4:4 USB-C: Up to 4Kx2K@30Hz 4:4:4
Outputs	1 HDBase-T (RJ45, Female)
Supported Output Resolution	Up to 4Kx2K@60Hz 4:4:4
Control Ports	1 IR Built-in Sensor 1 Firmware port (Micro-USB, Female) 1 RS232 (3-Pin Phoenix, Female) 1 IR In (2-Pin Phoenix, Female)
Bandwidth	18Gbps
Compliances	HDMI 2.0, HDCP 2.2
Transmission Distance	4K@60Hz ≤ 130ft (40m) 1080P@60Hz ≤ 230ft (70m)
Power Supply	Input: 100 ~ 240 VAC Output: 24 VDC, 1.25A
Power Consumption	22W (Max)
Temperature	14 ~ 131°F (-10 ~ 55°C)
Humidity	10 ~ 90%
Product Dimensions	4.1"(104.5mm) x 3.5"(89mm) x 1.9"(47.3mm)
Product Weight	0.63 lbs. (285g)

Specifications are subject to change without notice