

# MPTP-TU100S-3.0D

100m USB 3.2 Gen1 Extender over HDBT



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## PRODUCT OVERVIEW

The MPTP-TU100S-3.0D is the device port of a USB 3.2 Gen1 extender system, designed to transmit USB signals over HDBT. It provides four USB device ports for conferencing cameras, video capture devices, audio devices and other USB peripherals.

| FEATURE                 | SPECIFICATION                                         |
|-------------------------|-------------------------------------------------------|
| USB Standard            | USB 3.2 Gen1                                          |
| Data Rate               | Up to 5Gbps                                           |
| Transmission Distance   | Up to 100m with CAT6A cable*                          |
| USB Device Ports        | 3 × USB Type-A + 1 × USB Type-C                       |
| RS232                   | Pass-through / Control / Firmware Upgrade             |
| PoC                     | Bi-directional 24V PoC power supply                   |
| Device Power Management | Devices share 3A current limit; single port max. 1.7A |
| External Power Supply   | DC 24V, 1.5A                                          |
| Power Consumption       | 19W (Max)                                             |
| Operating Temperature   | -10°C to +55°C                                        |
| Storage Temperature     | -25°C to +70°C                                        |
| Relative Humidity       | 10% to 90%                                            |
| Dimensions (W × H × D)  | 133.0 × 21.5 × 105.0 mm                               |
| Net Weight              | 340g                                                  |

\*The manual notes that the current version only reaches 70m extension.

## KEY FEATURES

- USB 3.2 Gen1 data transfer rate up to 5Gbps
- Extend USB signal up to 100m (CAT6A; current version noted at 70m)
- RS232 pass-through, control and firmware upgrade
- USB device power management
- Bi-directional 24V PoC power supply

## PACKAGE CONTENTS

1 × MPTP-TU100S-3.0D   1 × Mounting Kit   1 × 3-pin Terminal Block   4 × Rubber Feet   1 × User Manual

Source: MPTP-TU100S-3.0D User Manual, Version MPTP-TU100S-3.0D\_2024V1.0.