

MPTP-TU100S-3.0H

100m USB 3.2 Gen1 Extender over HDBT



USB Version	USB 3.2 Gen1
Data Rate	5Gbps
Extension	Up to 100m with CAT6A cable*
Host Inputs	1 × USB Type-B + 1 × USB Type-C
Device Outputs	2 × USB Type-A
Power	DC 24V 1.5A / 6.4W Max

FEATURES

- 2×1 USB 3.2 Gen1 switcher
- USB signal extension up to 100m
- RS232 passthrough, control and firmware upgrade
- Auto/manual host switching
- Bi-directional 24V PoC power supply

SPECIFICATIONS

Parameter	Specification
Model	MPTP-TU100S-3.0H
Host Connector	(1) Type-B USB, (1) Type-C USB
Devices Connector	(2) Type-A USB
Devices Power	5V 500mA total
USB Version	USB 3.2 Gen1
Control	(1) Button, (1) RS232, (1) DIP switch
Control Connector	(1) White Button, (1) 3-pin terminal block, (1) 2-pin DIP switch
Transmit Distance	Up to 100m with CAT6A cable*
Data Rate	5Gbps
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10% to 90%
External Power Supply	DC 24V 1.5A
Power Consumption	6.4W (Max)
Dimensions (W×H×D)	133.0mm × 21.5mm × 105.0mm
Net Weight	325g

* The manual states that the current version only reaches the 70m extension. Specifications are reproduced from the supplied user manual (Version MPTP-TU100S-3.0H_2024V1.0).

PACKAGE CONTENTS

1× MPTP-TU100S-3.0H 1× Power Adapter (DC 24V, 1.5A) 1× Mounting Kit 1× 3-pin Terminal Block 4× Rubber Feet 1× User Manual