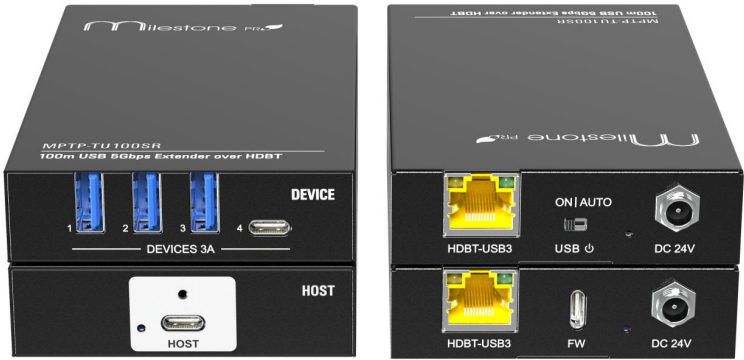


MPTP-TU100S-KIT

100m USB 5Gbps Extender over HDBT



PRODUCT OVERVIEW

USB extender kit with HOST and DEVICE units for transmitting USB signals up to 100m over a single CAT6A cable. The HOST connects to a PC/laptop via Type-C USB, while the DEVICE provides four USB device ports.

KEY FEATURES

- USB 3.2 Gen1 data rate up to 5Gbps
- Up to 100m over single CAT6A cable
- USB device power management
- Up to 3A current for devices
- Two-way 24V PoC power supply

TECHNICAL SPECIFICATIONS

Parameter	MPTP-TU100ST (HOST)	MPTP-TU100SR (DEVICE)
Connector	(1) Type-C USB	(3) Type-A USB + (1) Type-C USB
USB Version	USB 3.2 Gen1	USB 3.2 Gen1
USB Device Power	—	Devices share 3A current limit
FW Port	(1) Type-C USB	—
Control	—	(1) 2-pin DIP switch
Dimensions (W×H×D)	130.0 × 21.5 × 75.0 mm	130.0 × 21.5 × 75.0 mm
Net Weight	240 g	275 g

GENERAL SPECIFICATIONS

Specification	Details
Transmission Distance	Up to 100m with CAT6A cable
PoC Standard	Two-way 24V PoC
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

INTERFACES & APPLICATIONS

HOST	Type-C USB 3.2 Gen1 to PC/Laptop; RJ45 HDBT-USB3 link; FW Type-C; DC 24V input.
DEVICE	3 × USB-A + 1 × USB-C USB 3.2 Gen1 for KVM devices, cameras or other USB devices; RJ45 HDBT-USB3 link; USB power DIP switch; DC 24V input.
Applications	Conference rooms and boardrooms; conferencing cameras, video capture devices and audio devices.

PACKAGE CONTENTS

1 × HOST (MPTP-TU100ST) • 1 × DEVICE (MPTP-TU100SR) • 1 × DC24V 1.5A Adapter • 1 × User Manual

Source: supplied MPTP-TU100S-KIT User Manual, Version MPTP-TU100S-KIT_2025V1.0.