

MILESTONE PRO

MP-SU21T-KVM

18Gbps HDMI+USB-C KVM Switcher KIT

18Gbps HDMI+USB-C KVM S



18Gbps bandwidth	4K@60Hz 4:4:4	100m HDBT 3.0	Bidirectional 48V PoC	USB-C 60W charging
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PRODUCT HIGHLIGHTS

- Supports HDMI 2.0 and up to 4K@60Hz 4:4:4, HDR10, Dolby Vision and HDCP 2.2.
- Provides HDMI and USB-C inputs, HDMI loop output, and HDBT output for extended transmission.
- HDBT 3.0 supports transmission distances up to 100m with bidirectional 48V PoC.
- USB-C input supports up to 60W external charging.
- Supports RS232 and CEC control, auto switching, and Dry Contact control.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Product	MP-SU21T-KVM – 18Gbps HDMI+USB-C KVM Switcher KIT
Video Input	Transmitter: 1 × HDMI IN, 1 × USB-C IN; Receiver: 1 × HDBT IN
Video Output	Transmitter: 1 × HDMI OUT, 1 × HDBT OUT; Receiver: 1 × HDMI OUT
Input Resolution	HDMI: up to 4K@60Hz 4:4:4, HDR10, Dolby Vision; USB-C: up to 4K@60Hz 4:4:4 / 4:2:0
Output Resolution	HDMI: up to 4K@60Hz 4:4:4, HDR10, Dolby Vision; HDBT: up to 4K@60Hz 4:2:0
HDMI Standard	Up to HDMI 2.0b
HDCP	Up to HDCP 2.2
Audio	LPCM 7.1, Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, DTS:X and DTS-HD Master Audio pass-through
Audio Output	5-pin terminal block; balanced audio output / audio de-embedding
Frequency Response	20Hz–20kHz, ±3dB
THD+N	< 0.05% (-80dB), 20Hz–20kHz bandwidth
SNR	> 80dB, 20Hz–20kHz; SPDIF > 90dB

Parameter	Specification
HDBT	HDBT 3.0; up to 100m transmission; bidirectional 48V PoC
Control	RS232, CEC, TCP/IP, front-panel control, Dry Contact
Network	RJ45 network passthrough; TCP/IP control; Static IP or DHCP
USB	Transmitter: 2 × USB-A 3.0 devices; 1 × USB-B 3.0 host; USB-C input with 60W charging. Receiver: 3 × USB-A 2.0 + 1 × USB-C
Operating Temperature	-5°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10%–90%
Power Supply	Input: AC 100–240V, 50/60Hz; Output: 24V DC 5A
Power Consumption	76.5W (Max)
USB-C Charging	60W (Max)
Transmitter Dimensions	265W × 150D × 32H mm
Receiver Dimensions	173W × 95D × 24.5H mm
Net Weight	Transmitter: 1020g; Receiver: 410g

KEY APPLICATIONS & USE

Designed for conference-room equipment connection and signal transmission, with KVM connectivity, extended HDBT transmission, USB peripheral access, audio de-embedding, and centralized control.

Source: MP-SU21T-KVM User Manual, Version MP-SU21T-KVM_2022V1.1. Specifications are reproduced from the supplied manual; where the manual does not state a value, it is not added.