

PT-HDBT-220WP

4K 18Gbps Multiformat HDBaseT Wallplate Extender Set



Features

- ▶ Transmission of HDMI and USB-C via HDBaseT up to 40m (4K), 70m (1080p)
- ▶ Supports 18Gbps for resolutions up to 4K UltraHD 60Hz (HDMI) / 30Hz (USB-C)
- ▶ Bidirectional PoC, pass-through for IR and RS232, EDID management
- ▶ 3 USB-A v2.0 KVM ports on receiver, USB-C supporting data and AV transmission
- ▶ Wallplate for installation in 2-gang wall socket

Technical Data

PT-HDBT-220WP Wallplate Transmitter

Input / Output	
Input	2x HDMI-A, 1x USB-C
Output	1x HDBaseT (RJ45)
Control	
Control Ports	1x USB-B (Host), 1x IR In (3-pin Phoenix), 1x IR Out (2-pin Phoenix), 1x RS232 (3-pin Phoenix), 1x Firmware (Micro USB)
USB Control	USB-B Host Port for Connecting the 3 USB-A 2.0 KVM Device Ports on RX with a Remote-PC
IR Control	Bidirectional with Separate In/Outputs
CEC Control	Display On/Off via Push-Button, Programmable via IR Learning or RS232
RS232 Control	3 Modes: Local (TX), Pass-Through (TX --> RX --> Display Device), Pass-Through (RX --> TX)
Push-Buttons	1x "Source Auto" for (Automatic) Source Switching, 1x "Display On/Off" (Programmable)
Other	1x "Reset" Push Button (Recessed), 1x IR-Eye (Integrated)
Technical Data	
Transmission Mode	HDBaseT
Max. Resolution	4K / UltraHD @60Hz (4:4:4) via HDMI, 4K / UltraHD @30Hz (4:4:4) via USB-C
Transmission Distance	40 Meters 4K@60 (4:4:4), 70 Meters 1080p@60 (4:4:4)
Bandwidth	18 Gbps
HDMI Standard	HDMI 2.0
HDCP Support	HDCP 2.2 / 1.4
USB-C Standard	AV via Alt-Mode, USB Data
PoC	Bidirectional (24V)
General	
Product Dimensions	146 x 86 x 42 mm
Installation	2-Gang Wall Socket, Hole Pattern 70 x 60 mm
Product Weight	240g
Housing Material	Aluminium
Colour	Silvery Grey, Brushed Aluminium
Operation Temperature	-5~ 55°C
Storage Temperature	-25~ 70°C
Relative Humidity	10% ~ 90%
Power Supply	DC 24V, 1.25A (2-pin Phoenix) / PoC 24V
Power Consumption	Max. 20W Total (TX / RX)
Status-LEDs	Power, HDBT Link, 3x Input (USB-C, HDMI 1 / 2)
Compliance	CE, RoHS, REACH, FCC

PT-HDBT-220WP Receiver

Input / Output	
Input	1x HDBaseT (RJ45)
Output	1x HDMI-A
Control	
Control Ports	3x USB-A (Device), 2x IR In / Out (3.5mm Jack), 1x RS232 (3-pin Phoenix), 1x Firmware (Micro USB)
USB Control	3 USB-A 2.0 KVM Device Ports for Connection with Remote-PC via TX USB-B Host Port
IR Control	Bidirectional with Separate In/Outputs
CEC Control	Display On/Off via Push-Button, Programmable via IR Learning or RS232
RS232 Steuerung	3 Modes: Local (TX), Pass-Through (TX --> RX --> Display Device), Pass-Through (RX --> TX)
Technical Data	
Transmission Mode	HDBaseT
Max. Resolution	4K / UltraHD @60Hz (4:4:4) via HDMI, 4K / UltraHD @30Hz (4:4:4) via USB-C
Transmission Distance	40 Meters 4K@60 (4:4:4), 70 Meters 1080p@60 (4:4:4)
Bandwidth	18 Gbps
HDMI Standard	HDMI 2.0
HDCP Support	HDCP 2.2 / 1.4
USB-C Standard	AV via Alt-Mode, USB Data
PoC	Bidirectional (24V)
General	
Product Dimensions	152 x 23.5 x 84 mm
Product Weight	300g
Housing Material	Steel
Colour	Black
Operation Temperature	-5~ 55°C
Storage Temperature	-25~ 70°C
Relative Humidity	10% ~ 90%
Power Supply	DC 24V, 1.25A (Screw Lock) / PoC 24V
Power Consumption	Max. 20W Total (TX / RX)
Compliance	CE, RoHS, REACH, FCC

Product Overview

Art.-No.	Colour	EAN
PT-HDBT-220WP	TX: silvery grey, Aluminium / RX: black	4251364730997

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