

SD-WP31CS

3x1 Wallplate Transmitter Switcher with HDMI and Type-C



Overview

SD-WP31CS is a HDBaseT 3x1 Wallplate Transmitter Switcher which supports two HDMI and one Type-C interfaces. which is designed to switch and extend HDMI or Type-C input signal to far-end display device, and the transmission distance is up to 131ft/40m at 4K and 229ft/70m at 1080P video by using a single CATx cable.

All interfaces on SD-WP31CS support EDID management via hotkeys or PC software control. SD-WP31CS supports P bi-directional PoC function which means users only need to power the HDBaseT receiver or transmitter to provide power to the whole system.

SD-WP31CS supports two-way infrared function enabling ultra-long-distance control of infrared devices. Moreover SD-WP31CS can be used as control panels to send the command lines to control the devices via the serial port of the receiver or via the serial port on SD-WP31CS. the buttons can be programmed using PC control software.

SD-WP31CS can be widely used in video conferencing, education, receptions and so one where video to be displayed on large-screen display and multimedia display control are needed. SD-WP31CS is also suitable for long-distance video and audio transmission systems in airports, railway stations and sports centres.

Key Features

- Supports 2 x HDMI and 1 x Type-C inputs.
- Supports resolution up to 4K@60Hz 4:2:0 or 4K@30Hz 4:4:4.
- Supports HDCP 2.2
- Transmission distance support 70m at 1080, or 40m at 4K via Cat5e/Cat6
- Supports active input automatic detective.
- Supports inputs sources auto or manual switching.
- Supports programmable control buttons for sending commands via serial ports.
- Supports PC software control.
- Supports PoC (Power over Cable)
- Supports PoC power adjustment.
- Supports EDID management.
- Support bi-directional IR transmission.

Specifications

Dimension (W x H x D)	86mm x 86mm x 38mm
Net Weight	0.245kg
Video Input	2 x HDMI 1 x TYPE-C
Video Input Connectors	2x Female type A HDMI, 1 x Type-C USB,
HDMI Input Resolution	Up to 4K@60Hz
Video Output	1 x HDBaseT
Video output Connectors	1 x RJ45
HDMI Output Resolution	Up to 4K@60Hz
Power supply Input Voltage	External DC 12V or PoC 12V or 24V
Power Consumption	9.5W
Warranty	2 years
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%~90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing

System Diagram

