

4:1 HDMI Switch, 18Gbps, 4K/60Hz, CAT6 Output



Key Features

- 1 x Type-C, 2 x HDMI and VGA Inputs
- 1 x HDMI and 1 x CAT6 (HDBaseT) 70m
- Supports 18Gbps
- 4K/60Hz, YCbCr 4:4:4, HDR10
- HDMI 2.0, HDCP 2.2
- PCM2.0/5. 1/7. 1CH, DTS
- Analogue and Digital Audio Extraction
- RS232 & IR Pass-Through
- PoC (Receiver powered over CAT6)
- Control: Front panel, IR control, RS232 and TCP/IP with Web GUI

Description

This compact switch allows four sources (1 x Type-C, 1 x VGA, 2 x HDMI) to be switched to 1 x HDMI output and 1 x CAT6 (HDBaseT) output simultaneously, the CAT6 transmission distance is 70m@1080P and 40m@4K. The switch supports analogue and digital audio embedding and de-embedding for local amplifier or speaker connections, along with a separate microphone input embedded on any input.

Controls include front panel buttons with LCD display, RS232, Infrared and Ethernet via a web portal.

This switch is ideal for presentation systems in corporate and educational environments.

Specifications

Connectivity

Inputs: 2 x HDMI Type A, 19-Pin Female, 1 x Type-C, 1 x VGA
PC Audio Input: 1 x 3.5mm Stereo Jack Socket
HDMI Audio Input: 1 x 3.5mm Stereo Jack Socket
Output: 1 x HDMI Type A, 19-Pin Female, 1 x RJ45 CAT6 (HDBaseT)
Digital Audio Output: 1 x Coaxial RCA Phono Socket
Analogue Audio Output: 1 x 3.5mm Stereo Jack Socket
IR Input: 1 x 3.5mm Jack Socket
IR Output: 1 x 3.5mm Jack Socket
Microphone Input: 1 x 3-Pin Phoenix Terminal
RS232: 1 x 3-Pin Phoenix Terminal
Ethernet: 1 x RJ45 Data Socket
IR External: 1 x 3.5mm Jack Socket
Power: 1 x DC Jack

Signal

Signal Input/Output: HDMI
Standards: HDMI 2.0, HDCP 2.2/1.4
Bandwidth: 18Gbps
Video Resolutions: 4K/60Hz 4:4:4, 4K/30Hz / 1080p / 1080i / 720p / 576p / 480p
Colour Space: RGB/YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0, HDR10
Colour Depth: 8/10/12-bit
HDMI Audio: PCM2.0/5.1CH, Dolby Digital, DTS
Coaxial Audio: PCM2.0, Dolby Digital / Plus, DTS 2.0/5.1
Analogue Audio: PCM 2.0CH
Infra-Red: Wide Bandwidth, Frequency 30KHz to 56KHz (940nm)

Power

Type: AC to DC Mains Adaptor
Input: 100~240V AC 50/60Hz
Output: Transmitter 24V/1A
Consumption: 16.5 Watts

Environment

Operating Temperature: -5° to 40°C
Storage Temperature: -10° to 60°C
Operating Humidity: 5 to 90% RH (no condensation)
Dimensions: (W) 235 x (D) 137 x (H) 39
Weight: 1.175g
Colour: Black
ESD: Human Body - +/-8kV, (air gap discharge) & +/-4kV (contact discharge)
Safety and Emissions: CE, FCC, RoHS

Cable Lengths: CAT6 Output: 70m@1080P, 40m@4K, HDMI 15m@1080P, 6m@4K

Note: Premium High Speed HDMI cables are required to achieve these results.