

# 4×1 HDMI UHD Switcher with Fast Switching and Control System



CDPS-UH4H1HFS  
By Cypress Technology



This 4 by 1 HDMI UHD Switcher allows four HDMI sources to be routed to an HDMI display. The Fast Switching Technology greatly reduces the time required to swap between inputs. The Control System not only provides direct control but also indirect control interfaces for all your connected devices. Supporting traditional direct control systems like IR, Relay and DC and indirect control systems like IR Learning, RS-232, Telnet/Web GUI controls, it allows the user with PC or APP based control systems great flexibility over devices. The operation of the system can be easily managed through software application on PC/NB or APP on mobile devices, on-panel buttons, IR remote control, RS-232, Telnet or Ethernet protocols.

## FEATURES

- HDMI (with 3D & 4K2K support) and HDCP compliant
- Supports HDTV resolutions up to 4K2K (3840x2160@24/25/30/50/60Hz @YUV420 & 4096x2160@24/50/60Hz@YUV420)
- Supports HDMI data rates up to 340MHz/10.2Gbps and 'Deep Color' up to 1080p/36-bit
- Supports simultaneous audio outputs on both HDMI and analog R/L
- HDMI inputs support 'Standard' and 'Apple' HDCP modes
- Support control via RS-232, IR, Telnet and Web GUI
- Supports four control inputs with voltage of 0~3.3V
- Supports control system with 1 IR Learner, 5 IR outputs, 4 Trigger inputs, 4 Relay outputs and 2 COM ports
- COM port supports Baud rates from 300~115,200bps

## SPECIFICATIONS

### Input Ports

4xHDMI, 4xTerminal Block Input (0~3.3v), 1xControl (RJ-45), 2xCOM port (Terminal Block), 1xRS-232 (3.5mm Jack), 1xIR Learner, 1xUSB (Service only)

### Output Ports

1xHDMI, 1xR/L (Banana Jacks), 5xIR, 4xRelay Output

### IR Frequency

30~50kHz

### Baud Rate

Up to 115200bps

### Power Supply

24V/6.25A DC (US/EU standards, CE/FCC/UL certified)

### Chassis Material

Metal

### Silkscreen Color

Black

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Note: The product is under development, the text, graphics and specs in this document are for reference only.



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