

# UHDS-41R 4x1 HDMI 2.0 Switcher – Ultra HD



The HDTools™ **UHDS-41R** provides switching of up to four (4) Ultra HD/4K sources to a single Ultra HD/4K display. The UHDS-41R combines the latest technologies, including HDMI 2.0 and HDCP 2.2 support, with user-friendly configuration and operation via RS-232, IR, or front panel control to deliver a simple and effective multi-input A/V switching solution.

## Key Features

- 4x1 Ultra HD (4K @50/60Hz) digital A/V switcher
- HDMI 2.0 and HDCP 2.2 compliance
- Auto-switching : Automatic input switching by signal detection
- ARC [ Audio Return Channel ] : Allows ARC-enabled TVs to transmit audio back to an AV receiver
- Easy operation via manual toggle buttons, IR remote, and RS-232C
- Full 3D compatibility
- Auto-EDID management
- Supports Dolby TrueHD, Dolby Digital Plus and DTS-HD Master audio, LPCM
- DVI and Displayport compatible (with adapters)

## Technical Specifications

|                        |  |
|------------------------|--|
| INPUT SIGNAL           | HDMI single link, 4 ports  |
| OUTPUT SIGNAL          | HDMI single link   |
| BANDWIDTH              | 18 Gbps  |
| SUPPORTING RESOLUTIONS | PC: VGA ~ WUXGA (Up to 1920 x 1200 @60Hz)<br>HDTV: 480i ~ 1080p, Up to Ultra HD 4K<br>4096 x 2160 @50/60Hz (RGB 4:4:4 YCbCr 4:4:4, 4:2:2, 4:2:0) |
| CONNECTOR TYPES        | 4 x HDMI inputs<br>1 x HDMI output<br>1 x IR<br>1 x RS232<br>1 x Analog audio out<br>1 x DC power jack   |
| SUPPORTED FORMATS      | HDCP 2.2<br>HDMI 2.0<br>DVI 1.0  |
| ESD PROTECTION         | ± 8kV (air-gap discharge)  |
| HUMAN BODY MODEL       | ± 4kV (contact discharge)  |
| POWER RATING           | DC +5V , 1A  |
| POWER CONSUMPTION      | Max 2.5W   |
| DIMENSIONS (WXDXH)     | 7.1" x 3.3"x 0.5" in.   180 x 85 x 11.6 mm   |
| WEIGHT                 | 0.65 Lbs   0.3 Kg  |