



## VS-411UHD

4x1 4K60 4:2:0 HDMI Auto Switcher with Audio

| HDMI | 4K/60 UHD (4:2:0)



VS-411UHD is an automatic switcher for 4K@60Hz (4:2:0) HDMI and analog audio signals. VS-411UHD automatically switches one of four HDMI inputs to a predefined or last connected input whenever the currently active video signal is interrupted or whenever a higher-priority video signal is detected. They also support Kramer's Step-in over HDMI technology

### FEATURES

**Max. Data Rate** - 8.91Gbps (2.97Gbps per graphic channel)

**Max. Resolution** - 4K@60Hz (4:2:0)

**Compliance** - HDCP and DVI 1.0

- Deep Color, 3D, up to 7.1 uncompressed audio channels, ARC (supported on Input 1 only)

**Features Kramer reKlocking™ Technology** - Rebuilds the digital signal to travel longer distances

**HDTV Compatible**

**Customized Audio Output** - Embed a companion analog audio signal into its HDMI input signal, de-embed the audio from the HDMI input and route it to the balanced stereo audio line out, de-embed HDMI ARC from the output and route it to the balanced stereo audio line out, or route the analog audio inputs directly to the stereo audio line out

**Automatic Video Input Detection & Selection**

**Auto Power Off** - When no HDMI input for 10 seconds (selectable)

**Step-In Over HDMI Technology**

**Active Switching** - Selectable manual or fast auto switching according to last connected or preset priority

**Selectable HDCP Switching**

**EDID Configuration Options**

**Default EDID**

**Contact Closure** - For remote manual switching override

**Lock Button**

**Firmware Upgrade** - Over RS-232, mini-USB

**Software Support** - Protocol 3000, EDID Designer, K-Upload via RS-232

**Varied Control Options** - Front panel buttons, contact closure, IR, RS-232 Protocol 3000

**Easy Installation** - Compact MegaTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter



# KRAMER

## TECHNICAL SPECIFICATIONS

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|                                |   |
|--------------------------------|---|
| INPUTS:                        | 4 HDMI connectors, 4 unbalanced stereo audio on 3.5mm mini jacks  |
| OUTPUTS:                       | 1 HDMI connector, 1 balanced stereo audio on 5-pin terminal block |
| PORTS:                         | 1 RS-232 on a 3-pin terminal block, 1 mini USB for programming    |
| COMPLIANCE WITH HDMI STANDARD: | Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels, CEC   |
| MAX DATA RATE:                 | 8.91Gbps (2.97Gbps per graphic channel)                           |
| SUPPORTED RESOLUTIONS:         | Up to 4K x 2K, 4K@60Hz (4:2:0)                                    |
| CONTROLS:                      | Front panel buttons, contact closure, IR, RS-232 Protocol 3000    |
| SOFTWARE SUPPORT:              | Protocol 3000, EDID Designer, K-Upload                            |
| POWER CONSUMPTION:             | 5V DC, 500mA  |
| OPERATING TEMPERATURE:         | 0° to +40°C (32° to 104°F)  |
| STORAGE TEMPERATURE:           | -40° to +70°C (-40° to 158°F)                                     |
| HUMIDITY:                      | 10% to 90%, RHL non-condensing                                    |
| INCLUDED ACCESSORIES:          | Power adapter, IR remote control (upon request)                   |
| Product Dimensions             | 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H       |
| Product Weight                 | 0.9kg (2.0lbs) approx   |
| Shipping Dimensions            | 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H      |
| Shipping Weight                | 1.5kg (3.3lbs) approx   |



