



# KRAMER

## VS-411UHD

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

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



VS411UHD is an automatic switcher for 4K@60Hz (4:2:0) HDMI and analog audio signals. VS411UHD 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 Stepin 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, deembed the audio from the HDMI input and route it to the balanced stereo audio line out, deembed 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® fanless enclosure for surface mounting or sidebyside mounting of 2 units in a 1U rack space with the recommended rack adapter



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## TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI connectors, 4 unbalanced stereo audio on 3.5mm mini jacks
OUTPUTS:	1 HDMI connector, 1 balanced stereo audio on 5pin terminal block
PORTS:	1 RS232 on a 3pin 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, RS232 Protocol 3000
SOFTWARE SUPPORT:	Protocol 3000, EDID Designer, KUpload
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 noncondensing
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

