



## 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)
- Step-In Over HDMI Technology
- HDTV Compatible
- Active Switching - Selectable manual or fast auto switching according to last connected or preset priority
- Compliance - HDMI 1.4, HDCP and DVI 1.0
- HDMI 1.4 Support - Deep Color, 3D, up to 7.1 uncompressed audio channels, ARC (supported on Input 1 only)
- HDMI ARC De-embedding - From output to balanced stereo audio line, uncompressed
- Automatic Video Input Detection & Selection
- Auto Power Off - When no HDMI input for 10 seconds (selectable)
- Selectable HDCP Switching
- EDID Configuration Options
- Default EDID
- Contact Closure - For remote manual switching override
- Audio Embedding/De-embedding
- Stereo Analog Audio Input Per Port
- Balanced Stereo Audio Output
- Lock Button - To prevent tampering
- 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



# 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:	HDMI 1.4, 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
OPTIONS:	RK-1 19" rack adapter

