![Kramer logo](K 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 higherpriority 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)

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 RS232, miniUSB

Software Support - Protocol 3000, EDID Designer, KUpload via RS232

Varied Control Options - Front panel buttons, contact closure, IR, RS232 Protocol 3000

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:	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, 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
OPTIONS:	RK1 19" rack adapter