



## VS-411X

4x1 4K HDR HDMI Auto Switcher

| HDMI | Ethernet - RJ-45



VS-411X is a high-performance 4x1 automatic switcher for 4K HDR, HDMI video signals. Offering priority and last-connected switching options, it automatically switches according to the selected switching scheme based on active video signal detection

### FEATURES

**Plug & Play Auto Switcher** - Automatically plays the switched source signal on the connected display according to user-configured preferences, such as priority or last-connected input. When the user manually switches, by pressing a button, the auto switching is overridden

**HDMI Signal Switching** - HDCP 2.2 compliant, Supporting deep color, x.v.Color™, CEC, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0

**Multi-channel Audio Switching** - Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound

**I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling, processing, locking and pass-through algorithm ensures plug & play operation for HDMI source and display systems

**Audio De-embedding** - The digital audio signal passing-through to the HDMI output, is de-embedded, converted to an analog signal and sent to the stereo unbalanced analog audio output. This enables playing the audio on locally connected speakers, in parallel to playing it on the speakers connected to the AV acceptor device (such as TVs with speakers)

**Simple Switching Operation** - Local buttons or remotely connected contact-closure buttons for flexible user input selection and switching control

**Cost-Effective Maintenance** - Status LED indicators for HDMI ports facilitate easy local maintenance and troubleshooting. Local firmware upgrade ensures lasting, field-proven deployment

**Easy Installation** - Compact DemiTOOLS® fan-less enclosure for user-reachable table mounting, or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter



# KRAMER

## TECHNICAL SPECIFICATIONS

Inputs	4 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector 1 Unbalanced Stereo Audio: On a 3.5mm mini jack
Ports	Remote Contact Closure On a 5-pin terminal block connector
Video	Max Data Rate: 17.82GBPS (5.94Gbps per graphic channel) Max Resolution: 4K@60 (4:4:4) Compliance: HDR10 as specified in HDMI 2.0, HDCP 2.2
Power	Source: 5V DC, 2A Consumption: 5V DC, 600mA
User Interface	Controls: Input selection buttons. DIP-switches for configuring switching mode and EDID mode
Enclosure	Size: DemiTOOLS® Type: Aluminum Cooling: Convection ventilation
Environmental Conditions	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
REGULATORY	Health, Safety, Environmental RoHs, WEEE, CE

