



# KRAMER

## UHDA-OUT2-F16

2-Channel 4K60 4:2:0 HDMI Output Card  
with Selectable Embedded, De-embedded or  
ARC Analog Audio

| HDMI | HDCP Compliant | Kramer Core  
| 4K/60 UHD (4:2:0)



UHDA-OUT2-F16 is a two-channel 4K@60Hz (4:2:0) HDMI output card with configurable analog audio features for the VS-1616 Series Modular Multi-Format Digital Matrix Switchers. The UHDA-OUT2-F16 outputs two 4K HDMI signals with selectable ARC (on the upper port), embedded, or de-embedded unbalanced stereo audio

### FEATURES

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

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

HDMI Support - 3D, Deep Color, x.v.Color™, ARC, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and 7.1 multi-channel audio

Analog Audio Embedding/De-embedding - On the same jack and ARC on the upper port

HDTV Compatible

HDCP Compliant

3D Pass-Through

EDID Capture - Copies and stores the EDID from a display device

Kramer Equalization and re-Klocking Technology



# KRAMER

## TECHNICAL SPECIFICATIONS

---

PORTS:	2 HDMI, 2 Analog audio on 3.5mm mini jacks
BANDWIDTH PER CHANNEL:	2.97Gbps per graphics channel
TOTAL BANDWIDTH:	8.91Gbps data rate
MAXIMUM RANGE:	10m (32ft) – 4K60 (4:2:0) or 4K30 (4:4:4), 15m (49ft) – 1080p 12 bit (deep color)
3D PASS THROUGH:	Supported
HDMI SUPPORT:	3D, Deep Color, x.v.Color™, ARC, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, 7.1 multi-channel audio
POWER CONSUMPTION:	5.5W
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
STANDARD COMPLIANCE:	HDCP 1.4, HDMI 1.4, HDTV compatible
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE
Product Dimension	19.00cm x 13.00cm x 2.00cm (7.48" x 5.12" x 0.79" ) W, D, H
Product Weight	0.2kg (0.4lbs) approx
Shipping Dimension	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H
Shipping Weight	0.3kg (0.6lbs) approx