




# Kramer KDS-SW2-EN7 KDS-SW2-EN7 4K Avolp Encoder Switcher Owner's Manual

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## Kramer KDS-SW2-EN7 KDS-SW2-EN7 4K Avolp Encoder Switcher Owner's Manual



## FEATURES

Outstanding end-user experience –

1 HDMI and 1 USB-C with charging capabilities for laptop

Easy-to-use KM/KVM – Searchable OSD Menu for KM and fully configurable KVM roaming Large scale video

wall – up to 16x16

Instantaneous switching time – 1 second

Ideal for large-scale deployments –

Highly scalable – 999 channels build in support State of the art management device

Rich set of management capabilities – Standard P3K Open API , LCD screen for configuration

Robust security – Cost-effective from day one

Full product range for any site, any application

Plug-and-play with Netgear M4250 AVoIP switches, Kramer Control, KDS-USB2, etc.

Simple planning and rollout – Cost-effective from day one

Full product range for any site, any application

Plug-and-play with Netgear M4250 AVoIP switches, Kramer Control, KDS-USB2, etc.

## TECHNICAL SPECIFICATIONS

Inputs 1 HDMI: On female HDMI connectors

1 USB-C: On a female USB-C connector

Outputs 1 HDMI: On a female HDMI connector

Ports 2 Ethernet: On R-J45 connectors

1 Balanced Audio: On a 5-pin terminal block connector 1 RS-232: On a 3-pin terminal block connector

1 IR: On a 3.5mm TRS connector

1 USB Host: On a USB-B connecto

2 USB Device: On USB-A connectors

USB Features Integrated USB Hubs 2-layer USB hubs when connecting to KDS-DEC7

Network Multicast Through RTSP (Real Time Streaming Protocol): IGMP snooping non-blocking, Layer 2

Unicast Through RTSP (Real Time Streaming Protocol)

Bit Rate Peak: 850Mbps, 4K average: 350Mbps, 1080p average: 250Mbps

Video Compression Standard: JPEG based, private stream Max Resolution: 4K@30Hz 4:4:4

HDR 10: Up to 4K30 4:2:2 12 bit

Video Streaming Compression Standard: JPEG2K based, proprietary stream Max Input Resolution: 4K@60hz (4:2:0)

Max Output Resolution: 4K@30hz (4:4:4) Max End-to-End Resolution: 4K@30hz (4:4:4) Scaler: Yes

End-to-End Latency: 33msec Switching Time: 1sec

Resolution 4096x2160@60Hz, 1600x1200@60Hz, 1280x960@60Hz, 848x480@60Hz, 3840x2160@60Hz, 1600x900@60Hz, 1280x800@60Hz, 800x600@60Hz, 1920x1200@50Hz, 1440x900@60Hz, 1280x768@60Hz, 720x576@60Hz, 1920x1080@60Hz, 1400x1050@60Hz, 1280x720@60Hz, 720x480@50Hz, 1856x1392@60Hz, 1366x768@60Hz, 1224x768@70Hz, 640x480@60Hz, 1792x1344@60Hz, 1360x768@60Hz, 1152x864@70Hz, 640x400@85Hz, 1680x1050@60Hz, 1024x768@60Hz, 640x350@85Hz

Audio Supported Formats LPCM, Dolby and DTS LPCM LPCM upto 7.1/24-bit/192kHz

Dolby Dolby Atmos™, Dolby TrueHD, Dolby Digital Plus™, Dolby Digital EX, Dolby Digital 5.1, Dolby Digital 2/0 Surround, Dolby Digital 2/0

DTS DTS-HD Master Audio™, DTS-HD, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, DTS Digital Surround 5.1

Security HTTPS, 802.1x, OWASP-10, AES-128 encryption of AV streaming with changeable key

User Interface Indicators: LINK, NET and ON LEDs, front panel LCD Display

Controls: Restart and factory reset rear panel button, embedded web pages, P3K API commands via Ethernet, front panel navigation buttons

Power PoE (Power over Ethernet) 37V to 57V, maximum power consumption 19W (when USB at full load)

Optional power supply 24V DC, 5A, max power 68W with USB-C charging

Environmental Conditions

Operating Temperature: 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing

Storage Temperature: -20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing

Humidity: 10% to 90%, non-condensing

Product Dimensions 18.90cm x 14.50cm x 2.76cm (7.44" x 5.71" x 1.09" ) W, D, H

Product Weight 0.7kg (1.5lbs) approx

Shipping Dimensions 31.20cm x 17.90cm x 7.60cm (12.28" x 7.05" x 2.99" ) W, D, H  
Shipping Weight 0.9kg (2.1lbs) approx



***Read More About This Manual & Download PDF:***

## Documents / Resources

	<p><a href="#">Kramer KDS-SW2-EN7 KDS-SW2-EN7 4K Avolp Encoder Switcher</a> [pdf] Owner's Manual KDS-SW2-EN7, KDS-SW2-EN7 KDS-SW2-EN7 4K Avolp Encoder Switcher, KDS-SW2-EN7, K DS-SW2-EN7 4K Avolp Encoder Switcher, Avolp Encoder Switcher, Encoder Switcher, Switcher</p>
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## References

- [User Manual](#)

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