



# KRAMER

## KDS-SW2-EN7

High-performance, highly-scalable, AVoIP  
auto-switch encoder over 1G network

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KDS-SW2-EN7 auto-switch encoder with HDMI and  
USB-C inputs

## FEATURES

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### 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 -

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



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## TECHNICAL SPECIFICATIONS

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|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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 connector                                                                                                         |
|                          | 2 USB Device: On USB-A connectors                                                                                                        |
|                          |                                                                                                                                          |
| Video                    | Compression Standard: JPEG based, private stream                                                                                         |
|                          | Max Resolution: 4K60 4:2:0 or 4K30 4:4:4                                                                                                 |
|                          | HDR 10: Up to 4K30 4:2:2 12 bit                                                                                                          |
| 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                    | Options: PoE on LAN(PoE) port                                                                                                            |
|                          | Consumption: 6W                                                                                                                          |
|                          | 24V DC                                                                                                                                   |
| 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                                                                                                     |
| General                  | Product Dimensions: 18.9cm x 14.5cm x 2.76cm (7.4" x 5.7" x 1") W, D, H                                                                  |
|                          | Shipping Dimensions: 31.2cm x 17.9cm x 7.6cm (12.2" x 7.04" x 2.9") W, D, H                                                              |
|                          | Product Weight: 0.67kg (1.4lbs) approx                                                                                                   |
|                          | Shipping Weight: 0.93kg (2.05lbs) approx                                                                                                 |
| 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                                                                                                                    |



