

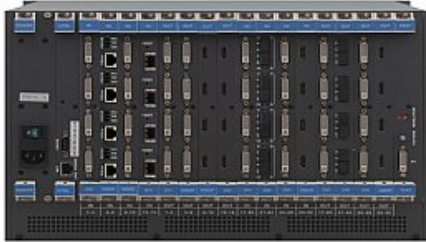


KRAMER

VS-3232DN

4x4 to 32x32 Modular MultiFormat Digital
Matrix Switcher

| DVI | HDMI | Ethernet - RJ-45
| HDCP Compliant | DGKat | Kramer Core



The VS3232DN is a highperformance matrix switcher chassis for DVI & HDMI signals. The unit is modular and populated from 4x4 to 32x32 in increments of four inputs and/or four outputs. The chassis includes one power supply but can also accept a second redundant power supply (sold separately), a control module and a test module that monitors and tests any input and output in the matrix

FEATURES

Kramer Core™ - FLEXIBLE INFRASTRUCTURE CONVERSION! Copper, Fiber or Twisted Pair all can be used at the same time, according to input/output module selection. The matrix receives digital signals from compatible Kramer transmitters, automatically converts between available infrastructure options and sends the signals to compatible Kramer receivers. Kramer Core™ solution is the ultimate in versatility!

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel) when using compatible cards
HDTV Compatible

HDCP Compliant - With DVI (HDCP), HDMI, F670, HDBaseT, DGKat modules

HDMI Support - HDMI Compressed Audio Channels

DGKat™ Signal Integration - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance

Kramer Equalization & reKlocking™ Technology - Rebuilds the digital signal to travel longer distances

Optional Fast Switching Support - For fraction of a second switching

Modular & Easily Configurable Platform - Input or output module types can be mixed and added in increments of 4 from 4x4 up to 32x32

Available Modules - DVI, HDMI, HDCP, Dual Link DVI, HDMI over Fiber, DVI over Fiber, DGKat (HDMI over twisted pair)

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

Protocol 3000 Support

Flexible Configuration - To disable HDCP support and convert between HDMI and DVI

Flexible Control Options - Front panel, IR remote (included), RS232 (KRouter™ Windows®based software is included), Ethernet

Front Panel Lockout

Take Button - Executes multiple switches all at once

Memory Locations - Stores multiple switches as presets to be recalled and executed as needed

Test Pattern Module - With 4 output resolutions for troubleshooting video problems

Built-in Monitor Port

Optional Redundant Power Supply - PS1DN, hotswappable

Worldwide Power Supply - 100/240V AC

Standard 19" Rack Mount Size - 6U. Rack "ears" included



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TECHNICAL SPECIFICATIONS

INPUTS:	4 to 32 (in increments of 4) of the following inputs: DVI or HDCP, 1.2Vpp on DVI Molex 24pin (F) connectors; DDC signal 5Vpp (TTL); HDMI; fiber optic on LC connectors; DGKat on RJ45 connectors; 2 to 16 (in increments of 2) DVI dual link, 1.2Vpp on DVI Molex 24pin (F) connectors
OUTPUTS:	4 to 32 (in increments of 4) of the following outputs: DVI or HDCP, 1.2Vpp on DVI Molex 24pin (F) connectors; DDC signal 5Vpp (TTL); HDMI; fiber optic on LC connectors; DGKat on RJ45 connectors; 2 to 16 (in increments of 2) DVI dual link, 1.2Vpp on DVI Molex 24pin (F) connectors
MAX. DATA RATE:	9.6Gbps (3.2Gbps per graphic channel) depending on the cards used
COMPLIANCE WITH STANDARDS:	Supports DVI 1.0
MAX RESOLUTION:	Up to UXGA; 1080p, 1920x1200
CONTROLS:	Front panel buttons, infrared remote control transmitter, RS232, Ethernet
SWITCHING:	Confirm or At Once for immediate switching
POWER CONSUMPTION:	100240V AC, 50/60Hz, 320VA with optional HotSwappable redundant power supply
PRODUCT DIMENSION:	19" x 6.46 x 6U (43.6cm x 16.40cm 18.90cm) W, D, H
PRODUCT WEIGHT:	0.2kg (0.5lbs) approx
SHIPPING DIMENSION:	27.00cm x 23.00cm x 5.60cm (10.63" x 9.06" x 2.20") W, D, H
SHIPPING WEIGHT:	0.4kg (0.8lbs) approx
INCLUDED ACCESSORIES:	Power cord, nullmodem adapter, infrared remote control transmitter
OPTIONS:	PS1DN redundant power supply



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CONFIGURATIONS

AAD-IN4-F32	4-Input Analog & Digital Audio Card (F-32)
DGKat-IN4-F32	4-Input HDMI & RS-232 over DGKat Card (F-32)
DL-IN2-F32	2-Input DVI Dual Link Card (F-32)
DVI-IN4-F32	4-Input DVI Card (F-32)
F610-IN4-F32	4-Input DVI over 4LC Fiber Card (F-32)
F670-IN4-F32	4-Input HDMI over OM3 Card (F-32)
H-IN4-F32	4-Input HDMI Card (F-32)
HAA-IN4-F32	4-Input HDMI with Analog Audio Card (F-32)
HAD-IN4-F32	4-Input HDMI with Digital Audio Card (F-32)
HDBT-IN4-F32	4-Input HDMI over HDBaseT Card (F-32). Range up to 130m (430ft) at 2K
HDCCP-IN4-F32	4-Input DVI (HDCP) Card (F-32)
SDIA-IN4-F32	4-Input 3G SDI with Analog Audio Card (F-32)
VGAA-IN4-F32	4-Input VGA with Analog Audio Card (F-32)
AAD-OUT4-F32	4-Output Analog & Digital Audio Card (F-32)
DGKat-OUT4-F32	4-Output HDMI & RS-232 Input over DGKat Card (F-32)
DL-OUT2-F32	2-Output DVI Dual Link Card (F-32)
DVI-OUT4-F32	4-Output DVI Card (F-32)
F610-OUT4-F32	4-Output DVI over 4LC Fiber Card (F-32)
F670-OUT4-F32	4-Output HDMI over OM3 Fiber Card (F-32)
H-OUT4-F32	4-Output HDMI Card (F-32)
HAA-OUT4-F32	4-Output HDMI with Analog Audio Card (F-32)
HAD-OUT4-F32	4-Output HDMI with Digital Audio Card (F-32)
HDBT-OUT4-F32	4-Output HDMI over HDBaseT Card (F-32). Range up to 130m (430ft) at 2K
HDCCP-OUT4-F32	4-Output DVI (HDCP) Card (F-32)
VGAA-OUT4-F32	4-Output VGA with Analog Audio Card (F-32)
BLP-F32	Blank Cover Plate for Empty Module Slots

