



VS-6464DN

8x8 to 64x64 Modular Multi-Format Digital Matrix Switcher



The VS-6464DN is a high-performance matrix switcher chassis for DVI & HDMI signals. The unit is modular and populated from 8x8 to 64x64 in increments of eight inputs and/or eight outputs. The chassis includes a power supply, control module and a test module that can monitor and test 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** - 9.6Gbps (3.2Gbps per graphic channel) depending on the cards used.
- **HDTV Compatible.**
- **HDCP Compliant** - With DVI (HDCP).
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances.
- **Modular & Easily Configurable Platform** - Input or output module types can be mixed and added in increments of 8 from 8x8 up to 64x64.
- **Available Modules** - DVI, DVI (HDCP), 4LC Optical.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for DVI and HDMI systems.
- **Flexible Control Options** - Front panel, IR remote (included), RS-232 (K-Router™ 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.
- **Built-in Test Pattern Module** - With 4 output resolutions for troubleshooting video problems.
- **Additional Monitoring Port.**

- Optional Redundant Power Supply - PS-1DN, hot-swappable.
- Worldwide Power Supply - 100–240V AC.
- Standard 19" Rack Mount Size - 10U. Rack "ears" included.

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TECHNICAL SPECIFICATIONS

INPUTS:	8 to 64 (in increments of 8) of the following inputs: DVI or HDCP, 1.2Vpp on DVI Molex 24-pin (F) connectors; DDC signal 5Vpp (TTL); fiber optic on LC connectors.
OUTPUTS:	8 to 64 (in increments of 8) of the following outputs: DVI or HDCP, 1.2Vpp on DVI Molex 24-pin (F) connectors; DDC signal 5Vpp (TTL); fiber optic on LC 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, RS-232, Ethernet.
SWITCHING:	Confirm or At Once for immediate switching.
POWER CONSUMPTION:	100–240V AC, 50/60Hz, 330VA.
DIMENSIONS:	19" x 14.2" x 10U (W, D, H) rack-mountable.
WEIGHT:	24.0kg (52.9lbs) approx.
ACCESSORIES:	Power cord, infrared remote control transmitter.

CONFIGURATIONS

Input Modules

DVI-IN8-F64	8-Input DVI Card (F-64)
F610-IN8-F64	8-Input DVI over 4LC Fiber Card (F-64)
HDCP-IN8-F64	8-Input DVI (HDCP) Card (F-64)

Output Modules

DVI-OUT8-F64	8-Output DVI Card (F-64)
F610-OUT8-F64	8-Output DVI over 4LC Fiber Card (F-64)
HDCP-OUT8-F64	8-Output DVI (HDCP) Card (F-64)

Module Plate

BLP-F64	Blank Cover Plate for Empty Module Slots
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