



VS-1616D

2x2 to 16x16 Modular Multi-Format Digital
Matrix Switcher

| VGA/UXGA - 15-pin HD | DVI | HDMI
| Ethernet - RJ-45 | HDCP Compliant | DGKat
| Kramer Core | HDBaseT | 4K/60 UHD (4:2:0)



The VS-1616D is a high-performance matrix switcher chassis for AV signals. The unit is modular and populated from 2x2 to 16x16 in increments of two inputs and/or two 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. VS-1616D supports a wide variety of input and output cards for different AV signals

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 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, HDMI with audio and DGKat modules

HDMI Support

Kramer Equalization & re-Klocking™ 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 2 from 2x2 up to 16x16

Protocol 3000 Support

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

Default EDID - For each input

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

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 and additional monitor port with audio embedding and de-embedding

Front Panel Lockout

Flexible Control Options - Front panel, RS-232, Ethernet, K-Router Plus™ software application

Worldwide Power Supply - 100–240V AC

Standard 19" Rack Mount Size - 4U rack ears included



TECHNICAL SPECIFICATIONS

INPUTS:	2 to 16 (in increments of 2) of various inputs See ACCESSORIES & RELATED PRODUCTS
OUTPUTS:	2 to 16 (in increments of 2) of various outputs See ACCESSORIES & RELATED PRODUCTS
MAX. DATA RATE:	10.2Gbps (3.4Gbps per graphic channel) depending on the cards used
MAX RESOLUTION:	Up to 4K @60Hz (4:2:0)
CONTROLS:	Front panel buttons, infrared remote control transmitter, RS-232, Ethernet
SWITCHING:	Confirm or At Once for immediate switching
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
POWER CONSUMPTION:	100-240V AC, 50/60Hz, 135VA
INCLUDED ACCESSORIES:	Power cord, infrared remote control transmitter
Product Dimensions	19" x 14.17 x 4U (43.6cm x 36.00cm x 17.70cm) W, D, H
Product Weight	7.5kg (16.4lbs) approx
Shipping Dimensions	57.00cm x 48.00cm x 28.00cm (22.44" x 18.90" x 11.02") W, D, H
Shipping Weight	8.8kg (19.3lbs) approx



