

VMX-16

16 x 16 Modular Video Matrix Chassis, UHD 4K

The VMX-16 is a high-performance modular matrix HDMI switcher, delivering professional distribution of up to 16 video sources to 16 displays. Various input and output cards allow the switch to be customized to the exact needs of any project.

With its flexible design, VMX-16 is the perfect solution for signal switching and distribution in commercial multimedia applications, such as conference rooms, control rooms, hotels, or retail spaces.

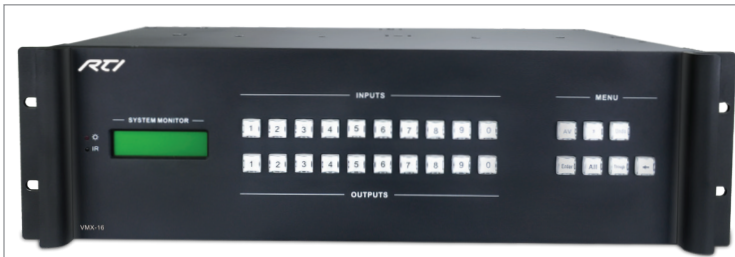
The VMX-16 enables cross-point switching from any input to any output and supports high resolution video output up to 4K. The HDBaseT outputs deliver HDMI video over a Cat5e/Cat6 cable to an HDBaseT receiver up to 130 feet (40 meters) away.

The VMX-16 can be controlled via RS-232, Ethernet or via the front panel buttons.

Key Features

- Provides routing of up to 16 video sources to 16 displays / projectors.
- Optional input cards for HDMI, HDBaseT, DVI, VGA or SDI available.
- Optional output cards for HDMI, HDBaseT or VGA available
- HDCP 1.2 or 1.4 compliant, supporting HDMI 1.3/1.4*.
- Powerful EDID management.
- HDBaseT outputs transmit a 1080p video signal up to 230 feet (70m) or 4K up to 130ft (40m) over a Cat5E/6 cable.*
- Supports multiple control methods, including front panel, RS232, and TCP/IP.
- LCD indicator shows connection status, switching status, HDCP status, and output resolution.
- Easy installation with rack-mount design.

* depending on card



Front View



Rear View



4 x HDMI Input Card



4 x HDBaseT Input Card



4 x DVI Input Card



4 x VGA Input Card



4 x SDI Input Card



4 x HDMI Output Card



4 x HDBaseT Output Card



4 x VGA Output Card

Available Cards (sold separately)

Input Cards

- 4 x HDMI 1080p / Analog Audio Input
- 4 x HDMI 4K / Analog Audio Input
- 4 x HDBaseT 1080p / Analog Audio Input
- 4 x HDBaseT 4K / Analog Audio Input
- 4 x DVI Input
- 4 x SDI 1080p Input / Output
- 4 x VGA / Analog Audio Input

Output Cards

- 4 x HDMI 1080p / Analog Audio Output
- 4 x HDMI 4K / Analog Audio Output
- 4 x HDBaseT 1080p / Analog Audio Output
- 4 x HDBaseT 4K / Analog Audio Output
- 4 x VGA / Analog Audio Output Card

Specifications

VMX-16 Chassis

AC Input Voltage 110VAC or 230VAC (switchable), 84 Watts
Mounting..... Dual input: 1 Standard, 1 Redundant Connection
Rack mount, 3 RU
Front Panel Control..... 27 Buttons for Input/Output Select and Menu
RS-232 Control Port One, Bi-directional Female DB-9
Ethernet Control Port One, 10/100Base-T, RJ45 Connection
Card Slots..... Four Input, Four Output
Operating Temperature C -10 to +40 degrees F +14 to +104 degrees
Operating Humidity 5% to 95% Non-condensing
Dimensions WxHxD..... 19.0" (483mm) x 5.23" (133mm) x 12.59" (320mm)
Weight 6.6lb (3.0kg)

VMX-IM1 4-Channel HDMI 1080p Input Card

Video Input Four, HDMI
Compliance..... HDMI 1.3, HDCP 1.2
Max. Input Resolution 1080p
Analog Audio Input Four, 3-pin Phoenix Stereo Connector

VMX-IM4 4-Channel HDMI 4K Input Card

Video Input Four, HDMI
Compliance..... HDMI 1.4, HDCP 1.4
Max. Input Resolution 4K@30Hz
Analog Audio Input Four, 3-pin Phoenix Stereo Connector

VMX-IT1 4-Channel HDBaseT 1080p Input Card

Video Input Four, HDBaseT (RJ45)
Compliance..... HDMI 1.3, HDCP 1.2
Max. Input Resolution 1080p
Analog Audio Input Four, 3.5mm Stereo Jack
RS-232 Input Four, 3-pin Phoenix Connector
HDBaseT Transmission Distance 1080P ≤ 230ft (70m)

VMX-IT4 4-Channel HDBaseT 4K Input Card

Video Input Four, HDBaseT (RJ45)
Compliance..... HDMI 1.4, HDCP 1.4
Max. Input Resolution 4K@30Hz
Analog Audio Input Four, 3.5mm Stereo Jack
RS-232 Input Four, 3-pin Phoenix Connector
HDBaseT Transmission Distance 1080P ≤ 230ft (70m)
..... 4K ≤ 131ft (40m)

VMX-ID1 4-Channel DVI 1080p Input Card

Video Input Four, DVI
Compliance..... HDMI 1.3, HDCP 1.2
Max. Input Resolution 1080p

VMX-IS1 4-Channel SDI 1080p Input Card

Video Input Four, SDI (Female BNC)
Video Loop Out..... Four, SDI (Female BNC)
Compliance..... 3G-SDI
Max. Input / Output Resolution 1080p

VMX-IV1 4-Channel VGA Input Card

Video Input Four, VGA (Female 15-pin HD)
Max. Input Resolution 1080p
Analog Audio Input Four, 3-pin Phoenix Stereo Connector

VMX-OM1 4-Channel HDMI 1080p Output Card

Video Output..... Four, HDMI
Compliance..... HDMI 1.3, HDCP 1.2
Max. Output Resolution 1080p
Analog Audio Output Four, 3-pin Phoenix Stereo Connector

VMX-OM4 4-Channel HDMI 4K Output Card

Video Output..... Four, HDMI
Compliance..... HDMI 1.4, HDCP 1.4
Max. Output Resolution 4K@30Hz
Analog Audio Output Four, 3-pin Phoenix Stereo Connector

VMX-OT1 4-Channel HDBaseT 1080p Output Card

Video Output..... Four, HDBaseT (RJ45)
Compliance..... HDMI 1.3, HDCP 1.2
Max. Output Resolution 1080p
Analog Audio Output Four, 3.5mm Stereo Jack
RS-232 Output..... Four, 3-pin Phoenix Connector
HDBaseT Transmission Distance 1080P ≤ 230ft (70m)

VMX-OT4 4-Channel HDBaseT 4K Output Card

Video Output..... Four, HDBaseT (RJ45)
Compliance..... HDMI 1.4, HDCP 1.4
Max. Output Resolution 4K@30Hz
Analog Audio Output Four, 3.5mm Stereo Jack
RS-232 Output..... Four, 3-pin Phoenix Connector
HDBaseT Transmission Distance 1080P ≤ 230ft (70m)
..... 4K ≤ 131ft (40m)

VMX-OV1 4-Channel VGA Output Card

Video Output..... Four, VGA (Female 15-pin HD)
Max. Output Resolution 1080p
Analog Audio Output Four, 3-pin Phoenix Stereo Connector

Warranty Three Years (Parts & Labor)

All features and specifications subject to change without notice