

## VMX-8

### 8 x 8 Modular Video Matrix Chassis, UHD 4K

The VMX-8 is a high-performance modular matrix switch chassis for professional distribution of up to eight video sources to eight displays. Various input and output cards allow the switch to be customized to the exact needs of any project.

With its flexible design, VMX-8 is the perfect solution for signal switching and distribution in commercial multimedia applications, such as conference rooms, control rooms, hotels, or retail spaces.

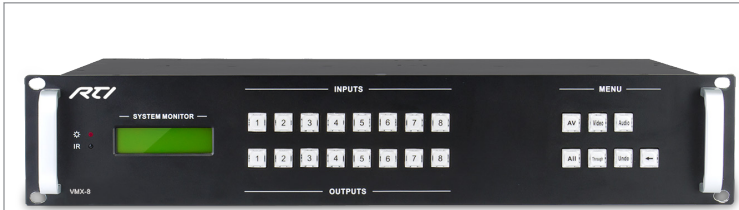
The VMX-8 enables cross-point switching from any input to any output, and supports high resolution video output up to 4K. The HDBaseT outputs deliver HDMI video over a Cat5e/Cat6 cable to an VHR-1 HDBaseT receiver up to 130 feet (40 meters) away.

The VMX-8 can be controlled via RS-232, Ethernet or via the front panel buttons.

## Key Features

- Provides routing of up to eight video sources to eight 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-8 Chassis

AC Input Voltage ..... 100VAC ~ 240VAC, 84 Watts  
Mounting ..... Rack mount, 2 RU  
Front Panel Control ..... 23 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 ..... Two Input, Two 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 3.46" (88mm) x 12.59" (320mm)  
Weight ..... 7.7lb (3.5kg)

### 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