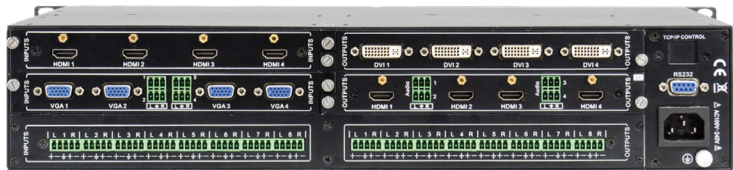
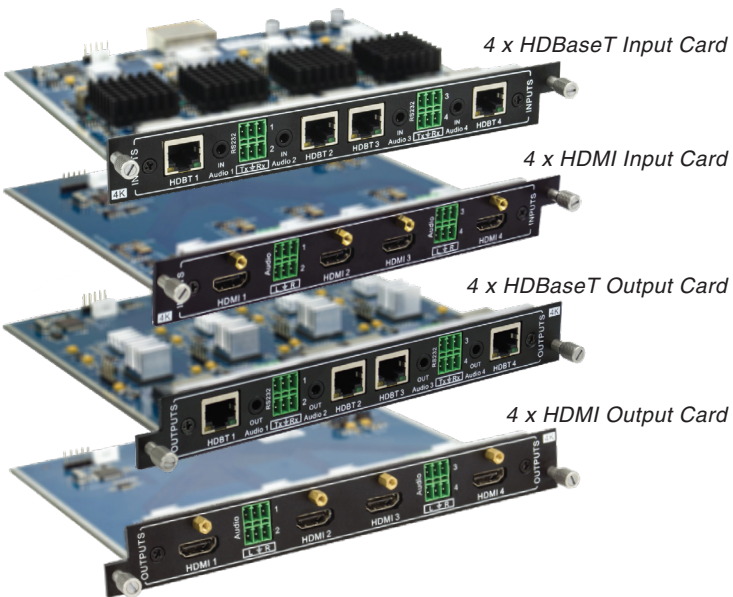




Front View



Rear View



## RTI Control System



## 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 at 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 IR, 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 4 x HDMI or 4 x HDBaseT available.
- Optional output cards for 4 x HDMI or 4 x HDBaseT available
- HDCP 1.4 compliant and DVI compatible, supporting HDMI 1.4a & DVI1.0.
- 3D compatible
- Powerful EDID management.
- HDBaseT outputs transmit HDMI@1080p up to 230 feet (70m) over a Cat5E/6 cable (130ft/40m at 4Kx2K).
- Supports multiple control methods, including front panel, RS232, IR and TCP/IP.
- LCD indicator shows connection status, switching status, HDCP status, and output resolution.
- Easy installation with rack-mount design.

# 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  
 IR Control ..... Via IR Remote (included)  
 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)

## 4 x HDMI 4K Input Card

Video Input ..... Four, HDMI  
 Min.-Max. Level ..... T.M.D.S. 2.9V~3.3V  
 Input Impedance ..... 100 Ohms (Differential)  
 Compliance ..... HDMI 1.4a, HDCP 1.4  
 Resolution Range ..... up to 4Kx2K, 3D compatible @1080p  
 Analog Audio Input ..... Four, 3-pin Phoenix Stereo Connector  
 Input Impedance ..... 75 Ohms  
 Frequency Response ..... 20Hz to 20 kHz

## 4 x HDBaseT 4K Input Card

Video Input ..... Four, HDBaseT (RJ45)  
 Min.-Max. Level ..... T.M.D.S. 2.9V~3.3V  
 Input Impedance ..... 100 Ohms (Differential)  
 Compliance ..... HDMI 1.4a, HDCP 1.4  
 Resolution Range ..... up to 4Kx2K, 3D compatible @1080p  
 HDBaseT Transmission Distance ..... 1080P ≤ 230ft (70m)  
 ..... 4Kx2K ≤ 131ft (40m)  
 Analog Audio Input ..... Four, 3.5mm Stereo Jack  
 Input Impedance ..... 75 Ohms  
 Frequency Response ..... 20Hz to 20 kHz

## 4 x HDMI 4K Output Card

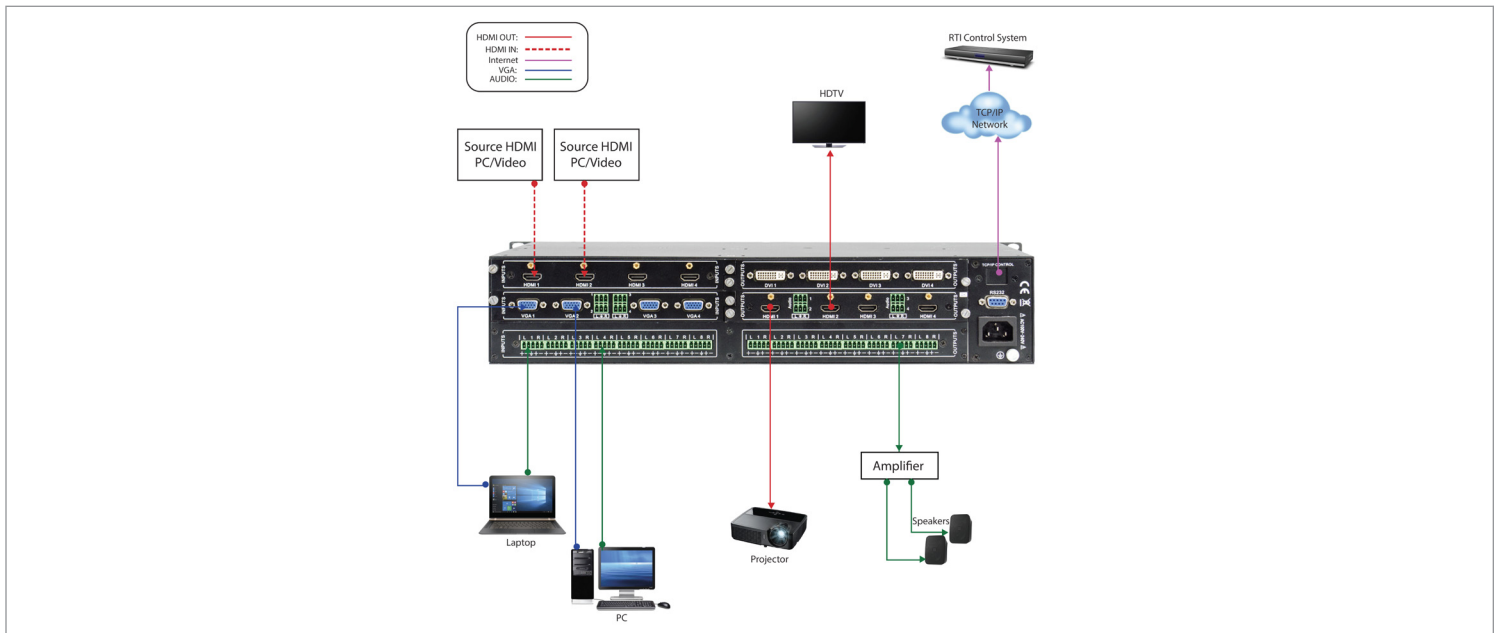
Video Output ..... Four, HDMI  
 Min.-Max. Level ..... T.M.D.S. 2.9V~3.3V  
 Output Impedance ..... 100 Ohms (Differential)  
 Compliance ..... HDBT 1.0, HDMI 1.4a, HDCP 1.4  
 Resolution Range ..... up to 4Kx2K, 3D compatible @1080p  
 HDBaseT Transmission Distance ..... 1080P ≤ 230ft (70m)  
 ..... 4Kx2K ≤ 131ft (40m)  
 Analog Audio Output ..... Four, 3-pin Phoenix Stereo Connector  
 Output Impedance ..... 75 Ohms  
 Frequency Response ..... 20Hz to 20 kHz

## 4 x HDBaseT 4K Output Card

Video Output ..... Four, HDBaseT (RJ45)  
 Min.-Max. Level ..... T.M.D.S. 2.9V~3.3V  
 Output Impedance ..... 100 Ohms (Differential)  
 Compliance ..... HDBT 1.0, HDMI 1.4a, HDCP 1.4  
 Resolution Range ..... up to 4Kx2K, 3D compatible @1080p  
 HDBaseT Transmission Distance ..... 1080P ≤ 230ft (70m)  
 ..... 4Kx2K ≤ 131ft (40m)  
 Analog Audio Output ..... Four, 3.5mm Stereo Jack  
 Output Impedance ..... 75 Ohms  
 Frequency Response ..... 20Hz to 20 kHz

Warranty ..... Three Years (Parts & Labor)

All features and specifications subject to change without notice



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