



MVR Routing Switcher

MVR routing switchers feature compact structure and provide high-performance in routing of VGA signals. R, G, B, H and V components of VGA signals can be transmitted independently for clear image. Switching sizes are available from 2x2 to 16x16.

Various Control

MVR is equipped with LCD display and buttons on front panel for easy control. Both manual switching and auto switching are supported to satisfy a variety of routing control demands.

High Compatibility

MVR supports RS-232/422 control protocol. A RS-485 interface is provided for cascading control. Up to 8 FLEX series routing switchers can be connected. The routing switcher features powerful expansion and compatibility.

MVR series routing switcher is widely used in large screen display projectors, distance learning, command control centers and multimedia conference system applications.

KEY FEATURES AND BENEFITS

Frame and signal

- 19", 2RU
- VGA (R, G, B, H, V)
- 2x2 ~ 16x16

High reliability

- Redundant power supplies and control systems
- Save/Recall function
- Non-volatile memory
- Optional cable equalizing distance:
90 ft (25 m), 170 ft (50 m), 250 ft (75 m) and 330 ft (100 m)

Communication and control

- Supports TCP/IP and UTP
- CREATOR protocol
- Front panel LCD and buttons
- Auto and manual switching
- Control interfaces: C-BUS, CAN-BUS, LAN and RS-232/422
- RS-485 interface for cascading control

SPECIFICATIONS

Specifications are subject to change without notice.

VGA INPUT

Connector.....	HD-15F
Signal Format.....	VGA
R, G, B Amplitude.....	700 mVp-p
H, V Amplitude.....	TTL level
R, G, B Impedance.....	75 Ω
H, V Impedance.....	Hi-z

VGA OUTPUT

Connector.....	HD-15F
Signal Format.....	VGA
R, G, B Amplitude.....	700mVp-p
H, V Amplitude.....	TTL level
R, G, B Impedance.....	75 Ω
H, V Impedance.....	75 Ω

PERFORMANCE

Bandwidth.....	-3 dB @ 225 MHz
Gain.....	0 dB
Differential Phase.....	<0.15° @ 4.43 MHz
Differential Gain.....	<0.15% @ 4.43 MHz
S/N Ratio.....	>75 dB (unweighted)
Crosstalk.....	<-60 dB @ 4.43 MHz

CONTROL INTERFACES

RS-485.....	4Pin (x1)
RS-232/422.....	DB-9F (x2)
C-BUS.....	BNC (x2)
CAN-BUS.....	RJ-45 (x1)
LAN.....	RJ-45 (x1)

MECHANICAL

Width.....	19 in. (483 mm)
Height.....	2RU (88 mm)
Depth.....	9.1 in. (231 mm)

ELECTRICAL

Power Supply.....	90 ~ 260 V AC, 50 Hz
Power Consumption.....	25 W

ENVIRONMENTAL

Operating Temperature.....	32° ~ 104° F (0° ~ 40° C)
Relative Humidity.....	10% ~ 90%