

# 16 Channel HD/SD Video Media Converter 19 Inch 1RU Rack VMCR-16



**MVMC**  
(Sold Separately)



**VMC**  
(Sold Separately)



**VMCR-16**  
**Rack**

## Video transport rack organizes Video Media Converter modules that convert electrical video feeds into optical.

The VMCR-16 series 1RU rack when populated with Video Media Converter (VMC or MVMC) modules (sold separately) allows the user to transport all digital video signals with data rate ranging from 19.4Mbps (ATSC) to 1.485Gbps (uncompressed SMPTE 292M HD).

The VMCR-16 rack can be installed in a rack frame or can be used as a throw down. This rack is capable of providing worst-case minimum link distance ranging from 16 km (10 mi) to 60 km (37 mi) depending on types of video media converter modules used.

### Key Features

- User configurable with any combination of Transmitter/Receiver VMC or MVMC media converters (sold separately)
- 75Ω BNC (x16) and “ST” optical connectors (x16) on Front Panel
- RoHS-6 compliant
- 110/240V dual power supply (1+1 protection)
- Digital Diagnostic Monitoring Intervace (DDMI) read-out via Ethernet 10/100T compliant web enabled port
- Front panel Tx/Rx LED indications
- Front Panel power supply and temperature status LEDs

Converter Rack Part Number	Transmitter (Order Separately)	Receiver (Order Separately)	Bit Rate (Mbps)	Link Distance*		Shipping Dimensions	Shipping Weight (Rack Only)
				Min	Typical		
VMCR-16-R-X  Specify X for power plug: A=Australia, D=Domestic US, E=Europe, U=UK	<b>VMC-T-H-2</b> 1310 nm FP Laser	<b>VMC-R-H-2</b> PIN Pre-Amp	1485	16 km 10 mi	33 km 21 mi	24.25 x 24.25 x 6.5 inch  62 x 62 x 62 cm	18 lb 8.2 kg
	<b>VMC-T-S-2</b> 1310 nm FP Laser	<b>VMC-R-S-2</b> PIN Pre-Amp	270	29 km 18 mi	43 km 27 mi		
	<b>MVMC-T-H-2</b> 1310 nm FP	<b>MVMC-R-H-2</b> PIN Pre-Amp	1485	16 km 10 mi	33 km 21 mi		
	<b>MVMC-T-H-2M</b> (high powered 1310 nm FP)		1485	22 km 13 mi	48 km 29 mi		
	<b>MVMC-T-H-3L</b> 1550 nm DFB Laser		1485	60 km 37 mi	70 km 44 mi		

\* The specified minimum link distances are based on worst case IEEE link budget models with color bar test signal at specified bit rate. The minimum link distances will be reduced with SDI test matrix.

Product information is subject to change without notice. Contact Stratos for current product information

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