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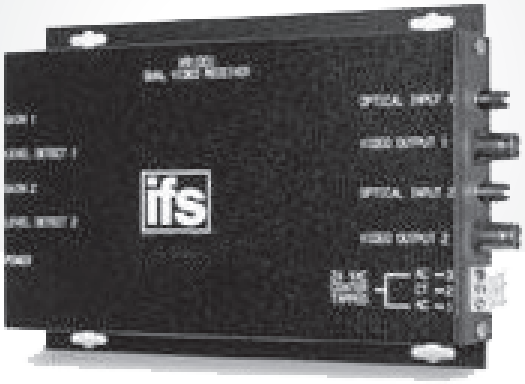
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Find the *Interlogix VR1001* at our website: ***Click HERE***

VR1001 Series

IFS Dual Independent AM Video Receiver



OVERVIEW

The IFS VR1001 Series dual video receiver detects two independent AM video signals in one module on two independent multimode fiber optic cables. The module is not a multiplexer. The module is ideal for smaller CCTV installations and the rack-mount version can be used to double the fixed video capacity of the R3 rack for u to 28 independent video channels per card cage. The modules utilize manual gain control. The receiver is compatible with the IFS VT1101M, VT1101M-AC, and VT1001 Series transmitters. Plug-and-play design ensures ease of installation. The module incorporates power and sync detect status indicating LED's for monitoring proper system operation. The module is available in either stand-alone or rack mount version.

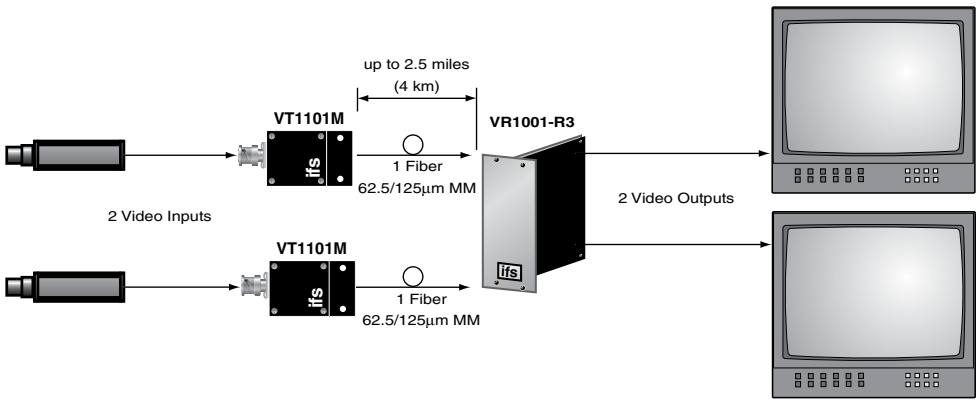
STANDARD FEATURES

- AM Video
- NTSC, PAL, SECAM Compatible
- Full Color Compatibility
- Two Independent Receivers in One Module
- Can be Used to Double the Fixed Video Capacity of an R3 Card Cage
- Plug-and-play Design for Ease of Installation
- Power and Sync Detect Status Indicating LED's to Monitor System Performance
- Hot-Swappable Rack Modules
- Automatic Resettable Fuses on all Power Lines
- Comprehensive Lifetime Warranty

APPLICATION EXAMPLES

- CCTV (Fixed Video)

SYSTEM DESIGN



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VR1001 Series

IFS Dual Independent AM Video Receiver

North America
T 855-286-8889

Latin America
T 561-998-6114

Ordering Information

	Part Number	Description	Fibers Required	Optical Pwr. Budget	Max. Distance*
Multimode 62.5/125µm**	VR1001	Dual Video Receiver (850 nm)	2	14 dB	2.5 miles (4 km)
		VR1001 is compatible with: VT1101M, VT1101-AC, AND VT1001Series Transmitters			
Accessories ♦	PS12VDC1.5A-U	12VDC, 1.5A Plug-in Power supply (110/220VAC) with Universal power plug adapter kit			

*Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels. Distance can also be limited by fiber bandwidth. **For 50/125 Fibe , subtract 4 dB from Optical Power Budget.

♦ All accessories are third party manufactured.

Specifications

Video	
Video Output:	1 volt pk-pk (75 ohms)
Bandwidth:	5 Hz - 10 MHz
Differential Gain:	<5%
Differential Phase:	<5°
Tilt:	<1%
Signal-to-Noise Ratio (SNR):	60 dB typical, 54 dB minimum
Wavelength	
	850 nm, Multimode
Receiver Sensitivity	
	1 µw (-30 dBm)
Transmitter Output	
	25 µw (-16 dBm)
Number Of Fibers	
	2
Connectors	
Optical:	ST
Power:	Terminal Block with Screw Clamps
Video:	BNC (Gold Plated Center-Pin)
Electrical & Mechanical	
Power:	Operates on 12VDC or 24VAC Center Tap @ 300mA
Surface Mount:	24VAC C.T. @ 300 mA
Current Protection:	Automatic Resettable Solid-State Current Limiters
Circuit Board:	Meets IPC Standard
Size (in./cm.) (LxWxH)	
Surface Mount:	7.0 x 4.9 x 1.0 in., 17.8 x 12.5 x 2.5 cm
Rack Mount:	7.7 x 5.0 x 1.0 in., 19.6 x 12.7 x 2.5 cm
Shipping Weight:	< 2 lbs./0.9 kg
Environmental	
MTBF:	> 100,000 hours
Operating Temp:	-40° C to +74° C
Storage Temp:	-40° C to +85° C
Relative Humidity:	0% to 95% (non-condensing)

Agency Compliance

Complies with FDA Performance Standard for Laser Products, Title 21, Code of Federal Regulations, Subchapter J

FCC PART 15 COMPLIANT CE cULus

interlogix
United Technologies

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VR1001

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