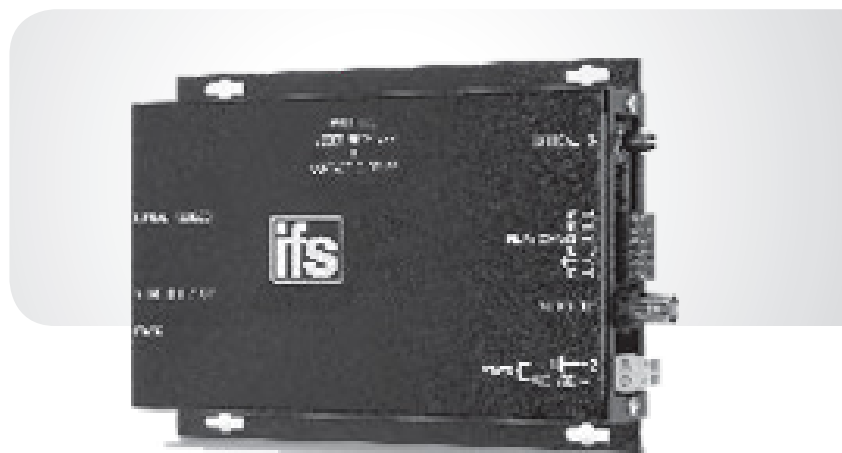


VR1100-CC Series

IFS AM Video Receiver with AGC and Contact Closure



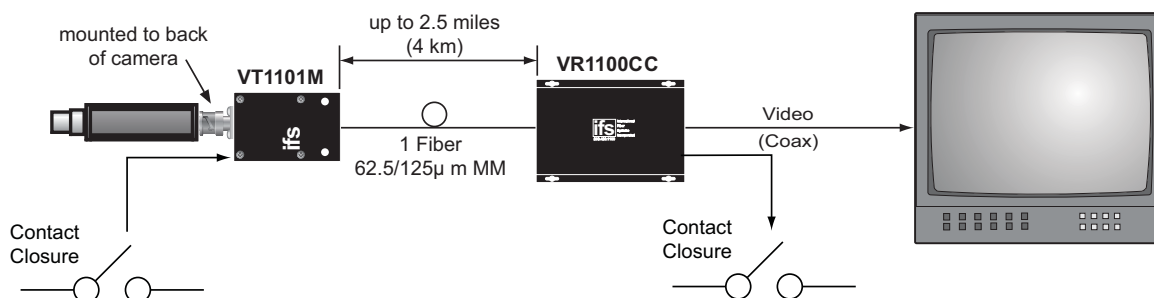
OVERVIEW

The IFS VR1100-CC Series video receiver supports a simultaneous AM video signal with contact closure over one multimode fiber optic cable. The receiver utilizes automatic gain control (AGC) and is compatible with the IFS VT1101M AC, VT1001 and VT1101M transmitters. Plug-and-play design ensures ease of installation requiring no electrical or optical adjustments. The receiver incorporates power and AGC status indicating LED's for monitoring proper system operation. The module is available in either stand-alone or rack mount version.

APPLICATION EXAMPLES

- CCTV (Fixed Video)

SYSTEM DESIGN



STANDARD FEATURES

- AM Video
- NTSC, PAL, SECAM Compatible
- Full Color Compatibility
- Full Range Automatic Gain Control (AGC)
- Hot-Swappable Rack Modules
- No In-field Electrical or Optical Adjustments Required
- Power and AGC Status Indicating LED's to Monitor System Performance
- Automatic Resettable Fuses on all Power Lines
- Comprehensive Lifetime Warranty

VR1100-CC Series

IFS AM Video Receiver with AGC and Contact Closure

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**	VR1100-CC	AGC Video/Contact Receiver (850nm)	1	4 dB	2.5 miles (4 km)
		VR1100-CC is compatible with: VT1101M, VT1101-AC, AND VT1001 Series Transmitters			
Accessories ♦	PS12VDC1.5A-U	12VDC, 1.5A Plug-in Power supply (110/220VAC) with Universal power plug adapter kit (Included)			
Options	Add '-R3' to Model Number for R3 Rack Mount - No Charge (Requires R3 Rack purchased separately)				

*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 Fiber, subtract 4 dB from Optical Power Budget.

♦ All accessories are third party manufactured.

Specifications

Video

Video Output:	1 volt pk-pk (AGC controlled)
Bandwidth:	5 Hz - 10 MHz (At 6 dB Attenuation)
Differential Gain:	<5%
Differential Phase:	<5°
Tilt:	<1%
Signal-to-Noise Ratio (SNR):	>55 dB at 10 dB Attn.

Contact Closures

Solid State Relay	24 VAC/VDC @ 170 mA
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Wavelength

	850 nm, Multimode
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Number Of Fibers

	1
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Connectors

Optical:	ST
Power:	Terminal Block with Screw Clamps
Video:	BNC (Gold Plated Center-Pin)

Electrical & Mechanical

Power:	
Surface Mount:	12 VDC @ 150 mA
Rack:	From Rack
Number of Rack Slots:	1
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., 10.7 x 8.9 x 2.5 cm
Rack Mount:	7.7 x 5.0 x 1.0 in., 17.8 x 12.5 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



interlogix.com

Specifications subject to change without notice.

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VR1100-CC Series