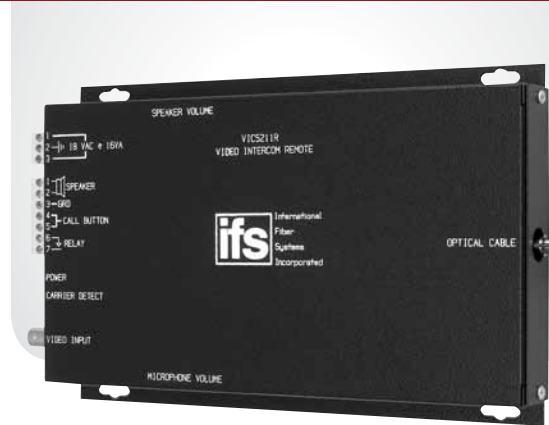


VIC5211

IFS Aiphone Video Intercom System



OVERVIEW

The IFS VIC5211 series video intercom system is designed for full compatibility with Aiphone™ LEM, LEF and NEM equipment. The module supports the simultaneous transmission of fixed video, half-duplex audio and bi-directional contact closure over one multimode optical fiber. Plug-and-play design ensures ease of installation. The module provides push to call, remote closure contacts and also allows for adjustment of speaker volume and microphone gain. The modules incorporate power, carrier detect, and AGC status indicating LED's to monitor proper system operation. The modules are available in either stand-alone or rack mount versions.

APPLICATION EXAMPLES

- Aiphone LEM, LEF, NEM Intercom Equipment
- Fixed Video Transmission
- Half-Duplex Audio
- Remote Gate Control

STANDARD FEATURES

- Compatible with Aiphone LEM, LEF and NEM Intercom Equipment
- Fixed Video Transmission
- Half-Duplex Audio
- Built-in 3 watt Audio Amplifier
- Transmits Push-to-Call via Contact Closure
- Transmits Remote Contact Closure to .5 amp Relay Out for Gate Control
- Full Range Automatic Gain Control (AGC)
- Plug and Play Design Ensures Ease of Installation
- Power, Carrier Detect, and AGC Status Indicating LED's to Monitor System Performance
- Automatic Resettable Fuses on all Power Lines
- Hot-Swappable Rack Modules
- Distances up to 2.5 miles (4 km) without Repeaters
- Comprehensive Lifetime Warranty

VIC5211

IFS Aiphone Video
Intercom System

North America
T 855-286-8889

Asia
T 852-2907-8108

Australia
T 61-3-9239-1200

Europe
T 32-2-725-11-20

Latin America
T 561-998-6114

Specifications

Station	Description
Intercom remote station	Push to call; Audio In/Out - 3W (8-20 ohms); 0.5A relay contact (N.O.)
Master station	Audio In/Out; Contact Closure (to Remote)
Audio	
Bandwidth	300 Hz - 5 kHz
Video	
Video Input	1 volt pk-pk (75 ohms)
Bandwidth	5 Hz - 6 MHz
Differential Gain	<5%
Differential Phase	<5°
Tilt	<1%
Signal-to-Noise Ratio (SNR)	60 dB (minimum)
Wavelength	850/1310 nm, Multimode
Number of fibers	1
Connectors	
Optical	ST
Power, Audio and Contact	Terminal Block with Screw Clamps
Video	BNC
Electrical & Mechanical	
Power	
Surface Mount Remote	24VACCT
Surface Mount Master	12VDC
Rack	From Rack
Number of Rack Slots	2 (Master Only)
Current Protection	Automatic Resettable Solid-State Current Limiters
Circuit Board	Meets IPC Standard
Size (in./cm.) (LxWxH)	
Remote	10.8 x 5.7 x 1.0 in. (27.5 x 14.5 x 2.5 cm)
Master Surface Mount	7.0 x 4.9 x 2.0 in. (17.8 x 12.5 x 5.1 cm)
Master Rack Mount	7.7 x 5.0 x 2.0 in. (19.6 x 12.7 x 5.1 cm)
Shipping Weight	< 2 lbs./0.9 kg
Environmental	
MTBF	> 100,000 hours
Operating Temperature	-40°C to +74°C
Storage Temperature	-40°C to +85°C
Relative Humidity	0% to 95% (non-condensing)†

Agency Compliances

- FCC
- CE



†May be extended to condensation conditions by adding suffix '-C' to model number for conformal coating.

Ordering Information

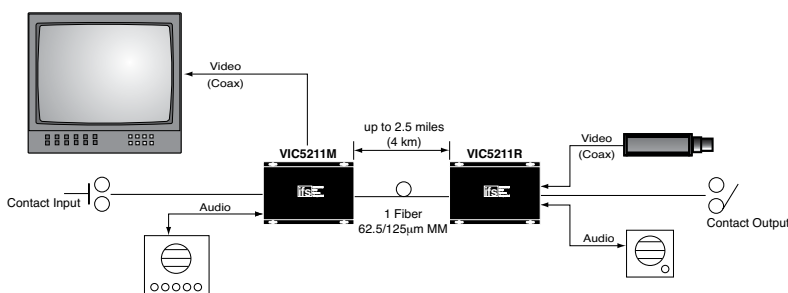
	Part Number	Description	Fibers Required	Optical Pwr. Budget	Mx. Distance*
Multimode 62.5/125µm**	VIC5211M	Video Receiver / Intercom Master (1310/850 nm)	1	14 dB	2.5 miles (4 km)
	VIC5211R	Video Transmitter / Intercom Remote (850/1310 nm)			
Accessories***	PS-24VACCT 24Volt AC Center Tap Transformer (Included with VIC5211R) PS12VDC1.5A-U 12Volt DC AC Plug-in Power Supply (Included with VIC5211M)				
Options	Add '-R3' to Model Number for R3 Rack Mount - No Charge (Requires R3 Rack purchased separately) Add '-C' for Conformally Coated Printed Circuit Boards (Extra charge, consult factory)				

*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.

***2-year warranty on power supplies.

System Design



interlogix.com

Specifications subject to change without notice.

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210-3600 2012/10 (71654L)