



INSTALLATION AND OPERATION MANUAL

FVR10C1(M,S)1, FVR20C2(M,S)2 & FVR40C4(M,S)4

SINGLE, DUAL OR QUAD-CHANNEL 10-BIT DIGITALLY ENCODED SHORT-HAUL VIDEO AND CONTACT CLOSURE

The ComNet™ FVR10C1(M,S)1, FVR20C2(M,S)2, and FVR40C4(M,S)4 series video receivers support the transmission of one, two, or four independent short-haul quality 10-bit digital video signals and one, two, or four contact closures in the direction of the video over multimode or single mode optical fibers. This module is universally compatible with major CCTV camera manufacturers. It is compatible with the FVT1(M,S)1/M* and FVT10C1(M,S)1/M series single channel transmitters. Plug-and-play design ensures ease of installation and no electrical or optical adjustments are ever required.

Bi-color (Red/Green) LED indicators are provided for rapidly confirming operating status. Please see **Figure 7** on **Page 5** for LED explanations.

These units may be either wall or rack-mounted. Please see **Figure A** on **Page 5** for mounting instructions.

** FVT1(M,S)1/M not available in North America.*

FIGURE 1 - FVR10C1 RECEIVER

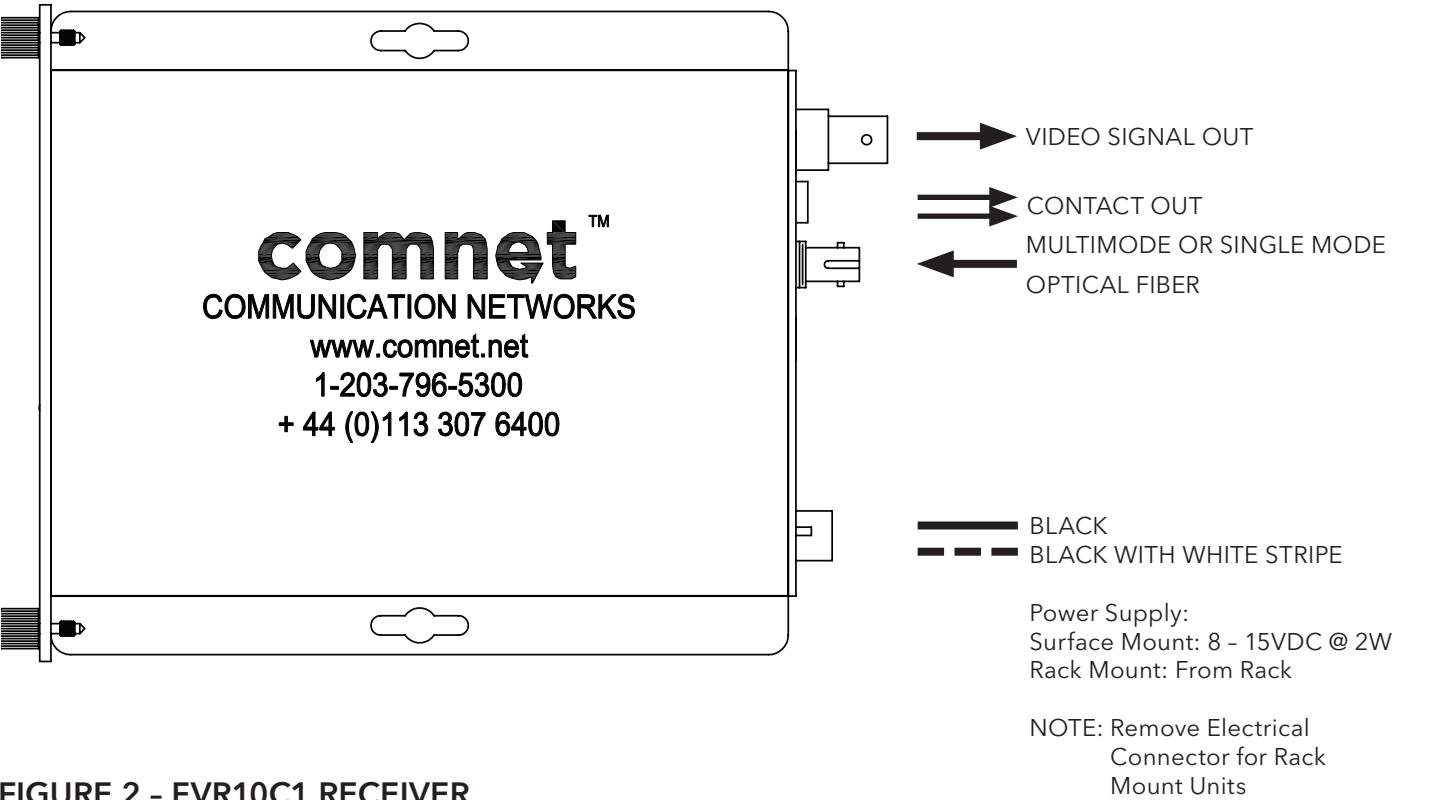


FIGURE 2 - FVR10C1 RECEIVER

FRONT PANEL REAR PANEL

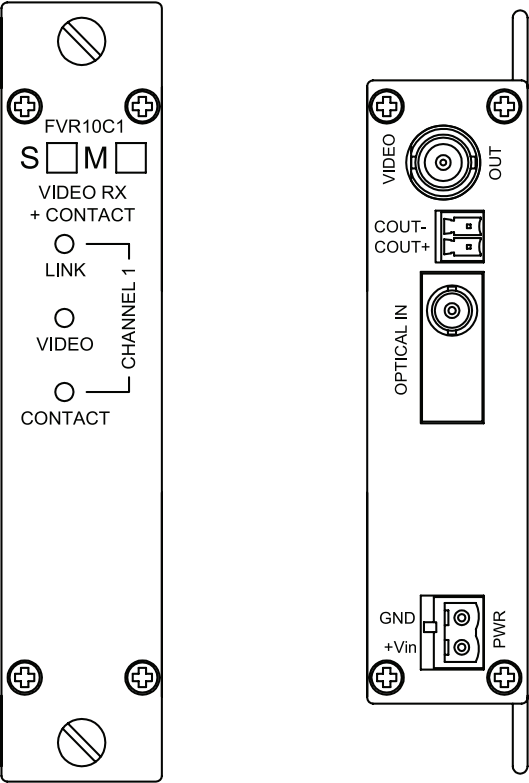


FIGURE 3 - FVR20C2 RECEIVER

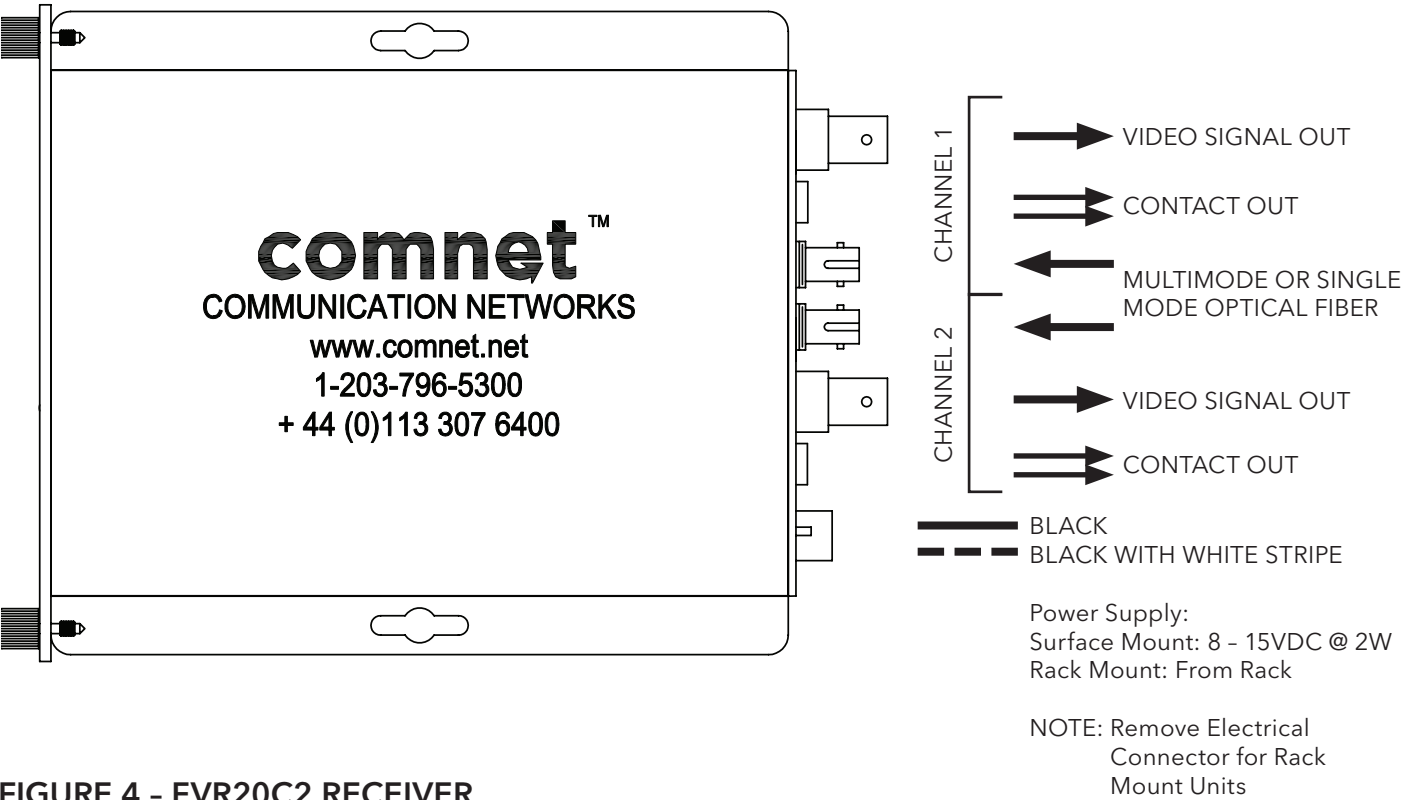


FIGURE 4 - FVR20C2 RECEIVER

FRONT PANEL REAR PANEL

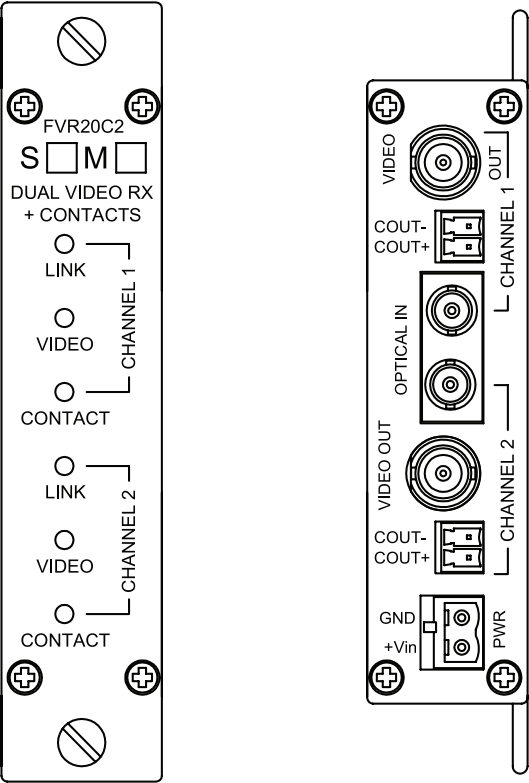


FIGURE 5 - FVR40C4 RECEIVER

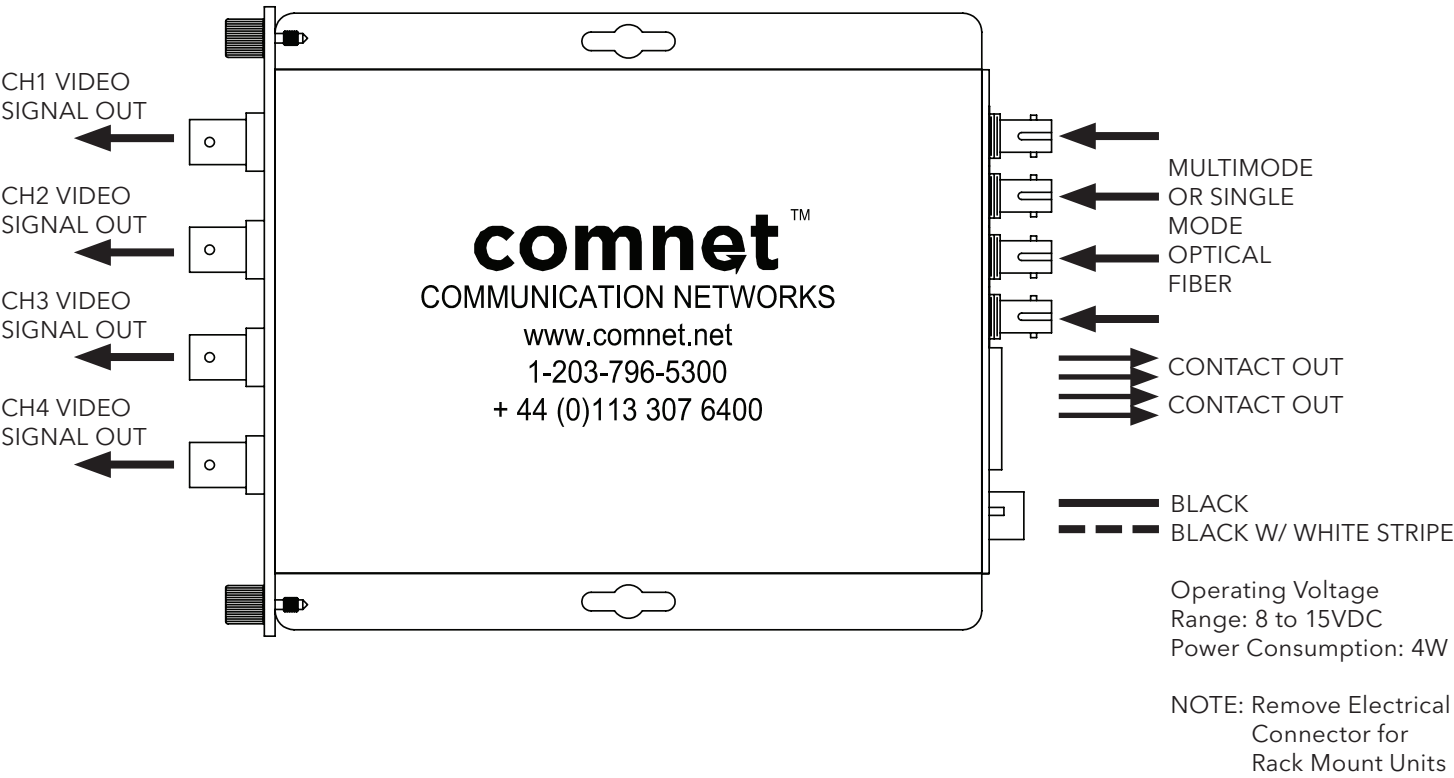


FIGURE 6 - FVR40C4 RECEIVER

FRONT PANEL REAR PANEL

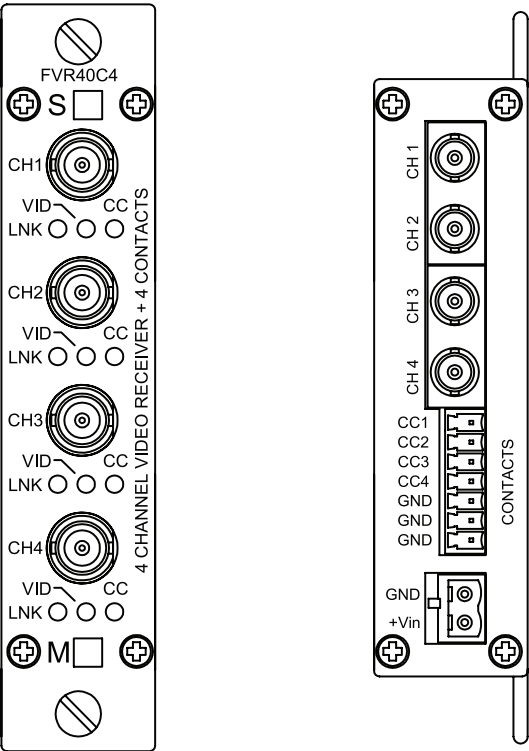


FIGURE 7 - LED INDICATORS

	LINK	VIDEO	CONTACT*
GREEN	Communication link has been established over optical fiber	Video signal is present on the channel.	Contact input is closed.
RED	Communication link has not been established.	Video signal is not present on the channel.	-
OFF	Unit powered down.	Unit powered down.	Contact input is open.

* Contact Closure channels are not operational when used with the FVT1(M,S)1/M transmitters.

INSTALLATION CONSIDERATIONS

This fiber-optic link is supplied as a Standalone/Rack module. Units should be installed in dry locations protected from extremes of temperature and humidity.

C1-US, C1-EU, C1-AU OR C1-CH CARD CAGE RACKS

CAUTION: Although the units are hot-swappable and may be installed without turning power off to the rack, ComNet recommends that the power supply be turned off and that the rack power supply is disconnected from any power source. **Note:** Remove electrical connector before installing in card cage rack.

1. Make sure that the card is oriented right side up, and slide it into the card guides in the rack until the edge connector at the back of the card seats in the corresponding slot in the rack's connector panel. Seating may require thumb pressure on the top and bottom of the card's front panel.

CAUTION: Take care not to press on any of the LEDs.

2. Tighten the two thumb screws on the card until the front panel of the card is seated against the front of the rack.

WARNING: Unit is to be used with a Listed Class 2 power supply.

IMPORTANT SAFEGUARDS:

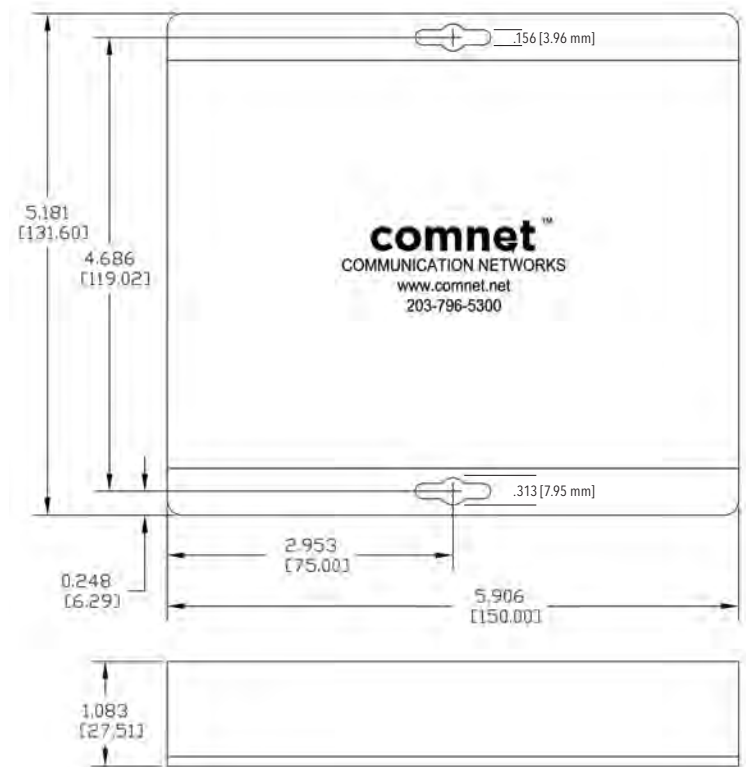
- A) Elevated Operating Ambient** - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
- B) Reduced Air Flow** - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

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FIGURE A

Dimensions are for a standard ComNet™ one slot module



MADE IN THE
USA