



INSTALLATION AND OPERATION MANUAL

FVR22/LV

DUAL INDEPENDENT AM VIDEO RECEIVER WITH AUTOMATIC GAIN CONTROL AND LOSS OF VIDEO RELAY

The ComNet™ FVR22/LV consists of two independent AM video fiber optic receivers in one module. It uses two independent multimode fiber optic cables to receive two separate signals from two transmitters. The module is not a multiplexer. The module can be used to double the fixed video capacity of the C1 rack for up to 28 independent video channels per card cage. The modules utilize Automatic Gain Control (AGC). The receiver is compatible with the ComNet FVT11M and the FVT20 dual video transmitter.

The unit incorporates a "Loss of Video" relay for each channel. Upon loss of video signal or optical fiber break, the normally closed relay opens. See **Figure 3** on **Page 3** for Contact Relay settings.

Each receiver incorporates a bi-color (Red/Green) indicating LED for monitoring proper system operation. See **Figure 4** on **Page 3** for LED Indicator explanations.

The FVR22/LV may be directly plugged into the ComNet Rack (Part C1) or may be either wall-mounted, rack-mounted, or DIN-rail mounted by the addition of ComNet model DINBKT1 adaptor plate. See **Figure A** on **Page 4** for mounting instructions.

See **Figures 1 - 4** for complete installation details.

FIGURE 1 - FVR22/LV

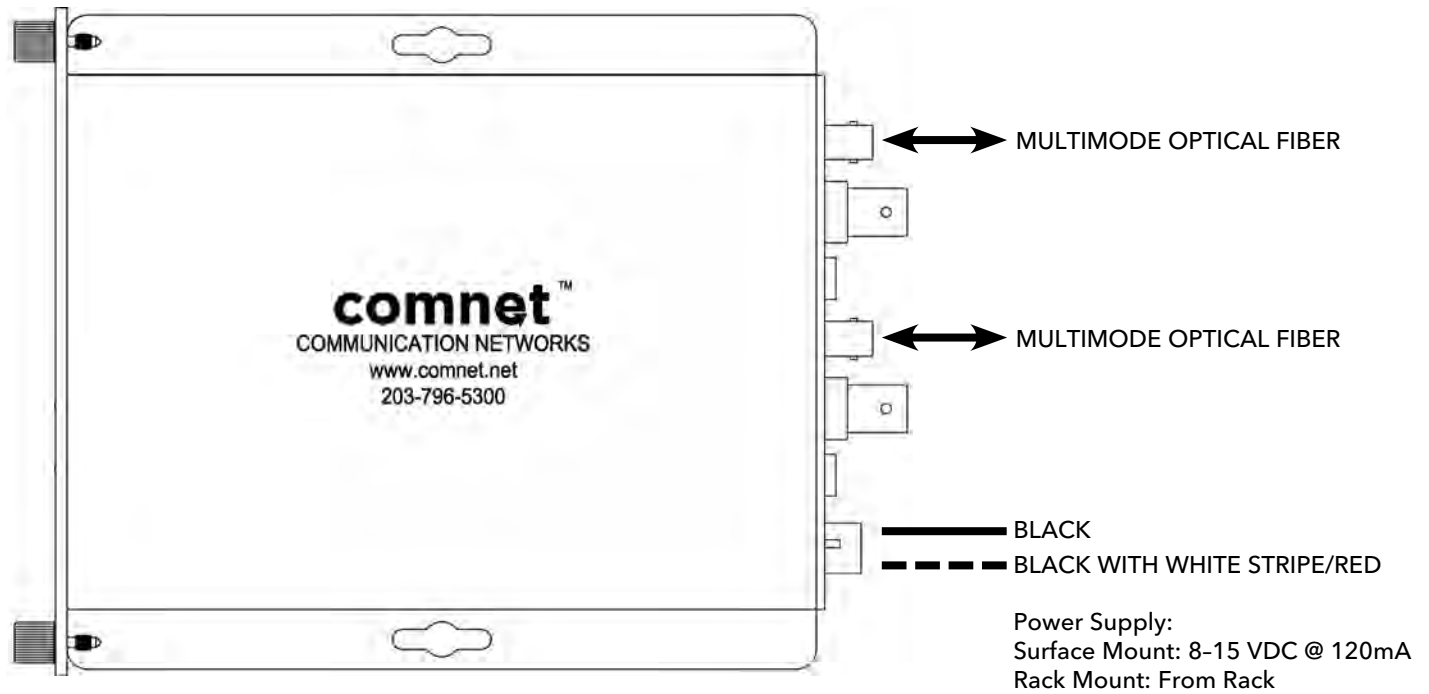


FIGURE 2 - FVR22/LV RECEIVER

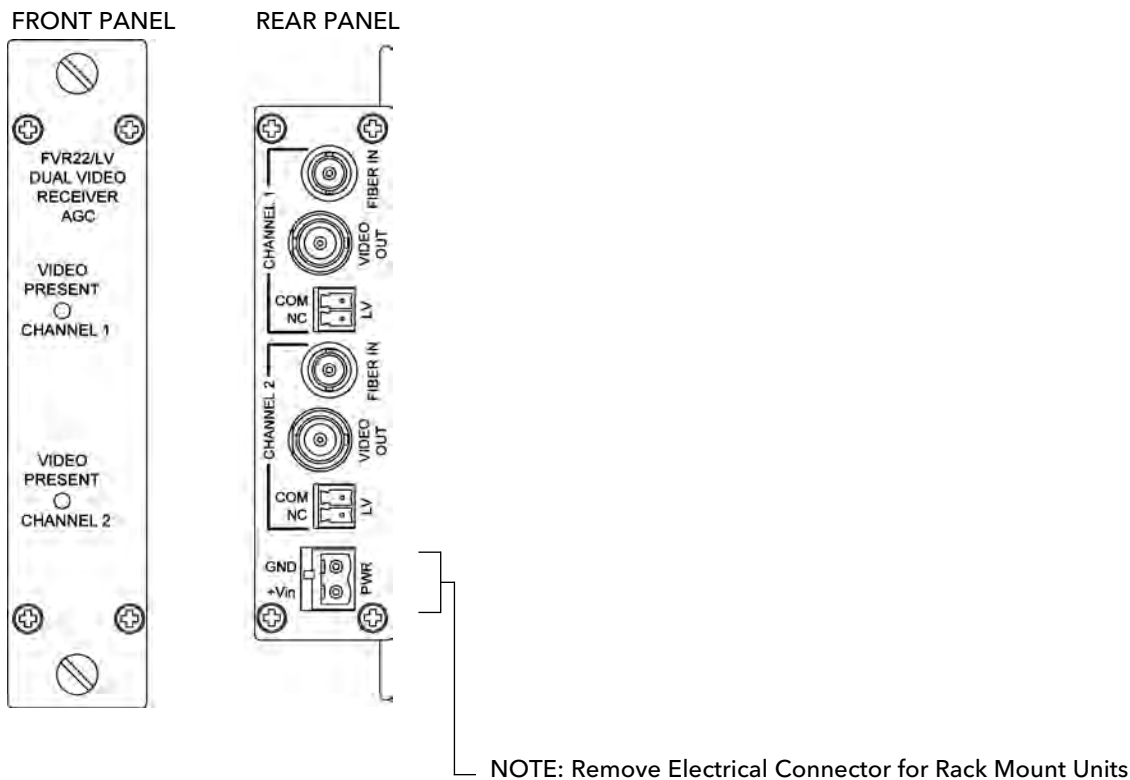


FIGURE 3 - LOSS OF VIDEO RELAY

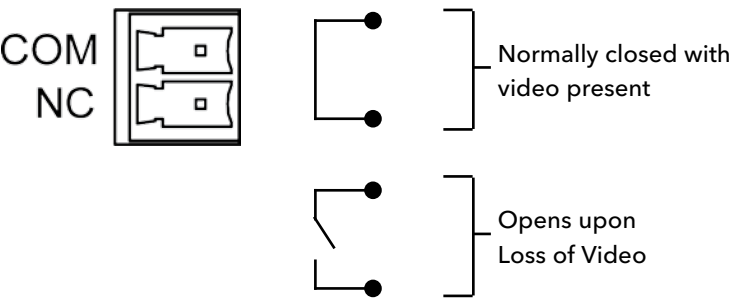


FIGURE 4 - LED INDICATORS

	VIDEO PRESENT - Channel 1	VIDEO PRESENT - Channel 2
GREEN	Activity	Activity
RED	No Activity	No Activity
OFF	Unit Powered Down	

