

Analog to Stranded Wire Signal Adaptor Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Camera must be supplied by a wiring system with an equipment grounding conductor.

To avoid explosion when installed in Hazardous Areas:

- Make sure the supply voltage is the same as the camera voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Use proper supply wiring as specified on the camera nameplate.
- All gasket seals must be clean.
- Before opening, electrical power to the luminaire must be turned off. Keep tightly closed when in operation.
- All threaded connections must engage five full threads.

Link-up the camera via customer provided 5-conductor cable through one of the 3/4" NPT hubs. Run cable back to a DVR system, mounted outside the hazardous location. For analog camera models operating on universal voltage 120/240V AC 50/60 Hz., this signal inverter is connected to the customer provided cable, converting the camera signal from stranded wire to BNC connector.

Make all connections via 5-conductor cable. This includes, AC+, AC-, Ground, VIDEO+, and VIDEO-. Make note of each color wire used to match the other end. Connecting power to the video cables will damage camera. Run cable back to DVR using appropriate methods for the area.

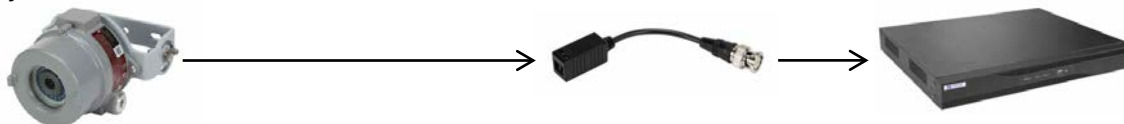
Connect VIDEO+ to terminal marked (+) on video adapter.

Connect VIDEO- to terminal marked (-) on video adapter.

Connect video adapter to your DVR.

Power on the camera and you should see video displayed on your DVR once configured.

The transmission distance will be affected by different quality cameras, DVR, BNC connectors, cable, installation...etc. 1080p full-HD video provides a transmission range of up to 650ft of cable. Resistance will cause power degradation as cable lengthens. Ensure camera will receive adequate power for cable length used or use separate cable to power camera nearby.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.