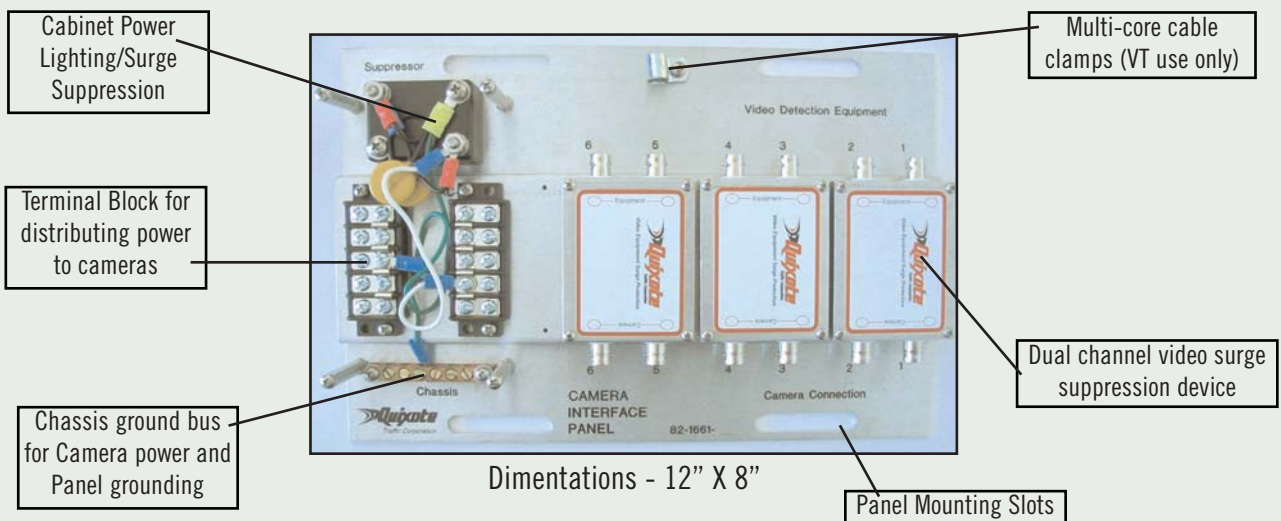


# CIP CAMERA INTERFACE PANEL FOR UniTRAK™ VIDEO TRAK®

## VIDEO DETECTION

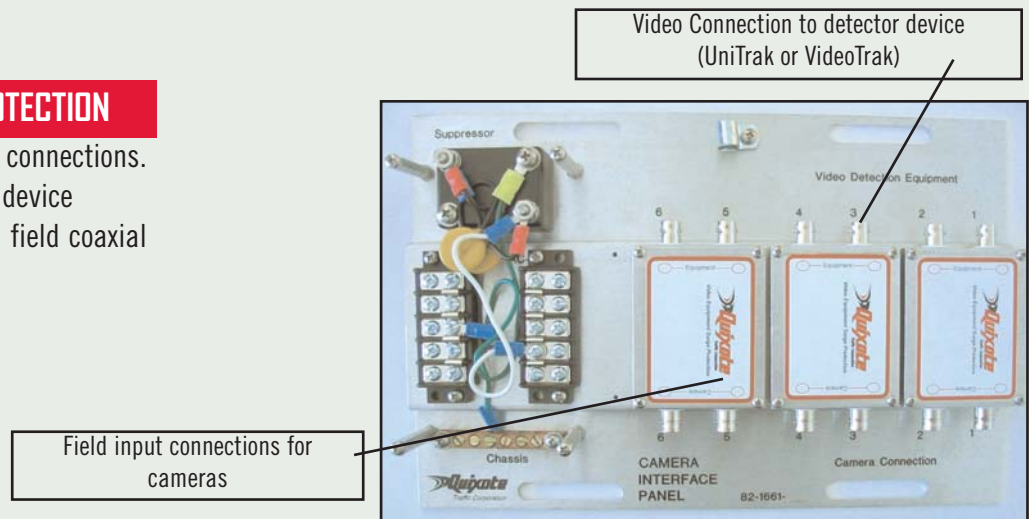
All video detection installations should include electrical protection for the detection equipment and the cameras. Quixote Traffic Corporation provides protection for VideoTrak® and UniTrak™ systems with its range of Camera Interface Panels. This panel is available pre-configured for 2, 4, 5 or 6 cameras.

## MAJOR COMPONENTS OF THE CAMERA INTERFACE PANEL



## DETECTION EQUIPMENT PROTECTION

The CIP provides up to 6 videos connections. A Coaxial Lightning protection device provides terminations for each field coaxial cable.

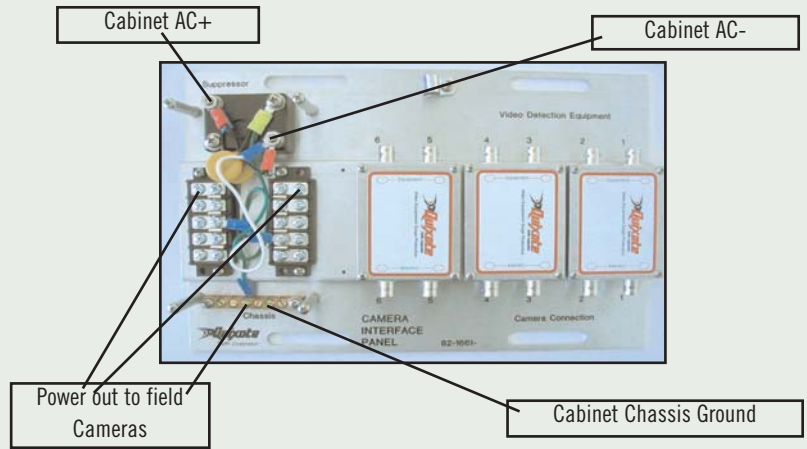


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## POWER SUPPLY PROTECTION

The CIP provides lightning protection and terminations for routing the traffic cabinet power to the cameras in the field. The cabinet power is routed to a surge suppressor which is wired to 5 position terminal blocks. A terminal block is provided for both AC + and AC- and a copper ground bus is provided for Chassis ground connections.

Camera power can be originated at this panel. A plexiglass shield provides protection from the AC+ voltage and is temporarily removed during wiring and installation.

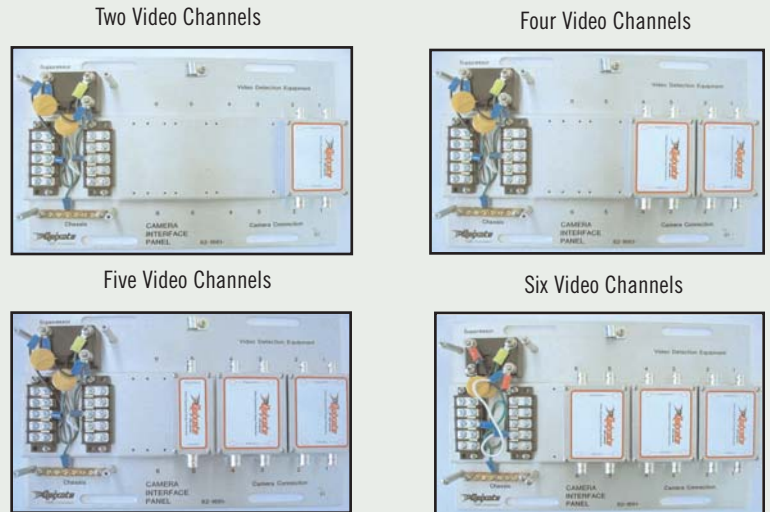


## ORDERING INFORMATION

The CIP can be obtained in a number of configurations.

The CIP can be fully loaded with either three dual channel video protection devices or a combination of two dual video channel devices and two signal channel devices

The individual video protection devices (dual and single) are available from Quixote and can be used to modify the CIP configuration as required.



CONFIGURATION	PART NO
2 Channels	82-1661-04
4 Channels	82-1661-05
5 Channels	82-1661-06
6 Channels	82-1661-07
Dual Protection Device	81-1074
Single Protection Device	81-1073

## VIDEO PROTECTION

- ▶ Peak Current @ 8 x 20us waveform.....10kA
- ▶ Clamp Voltage.....3Volts
- ▶ Technology.....Multi-stage Hybrid
- ▶ Response Time.....<1ns
- ▶ Attenuation.....<0.1db
- ▶ Connectors.....BNC

**Grounding.. Mounting plate/Case must be tied to electrical ground for proper operation.**



[WWW.QUIXTRAFFIC.COM](http://WWW.QUIXTRAFFIC.COM)

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Please contact Quixote Traffic Corporation for customer inquiries about any of the company's Traffic Control, Data Collection, Enforcement, Detection, or Tolling products. To learn how Quixote Traffic is making the world a safer place to travel, visit the Peak Traffic web site at <http://www.quixtraffic.com>.

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