

Multi-purpose Surge Protectors for in-line coaxial video, UTP/UTP, UTP to Coax, power, and data signals. Safeguards against damaging surges and keeps surveillance systems protected and operating smoothly. These units must be housed in a NEMA rated safe box for all outdoor applications.



#### FEATURES & BENEFITS

- Provides over-voltage and over-current protection for cameras with PTZ
- CCTV system protection for UTP and Coax cable
- Down time and service calls can be reduced drastically
- Terminal strips for connections of power and data
- Passes video 1000 ft. (305 m) with no noticeable signal loss or distortion
- Exclusive compact, lightweight design
- Easy installation

#### Applications

- Ideal surge protection for outdoor cameras
- Provides a single point ground connection
- Protects video, RS422 and/or RS485 and camera power inputs

#### Wire and Cable Configuration

Female BNC connectors for connection to coax cable or screw terminals for unshielded twisted pair (UTP) cabling. Screw terminals for power and data accept wire gauges from 30 AWG through 16 AWG.

For more specific information regarding wire types and proper installation techniques, please call 800.93.PORTA for technical assistance.

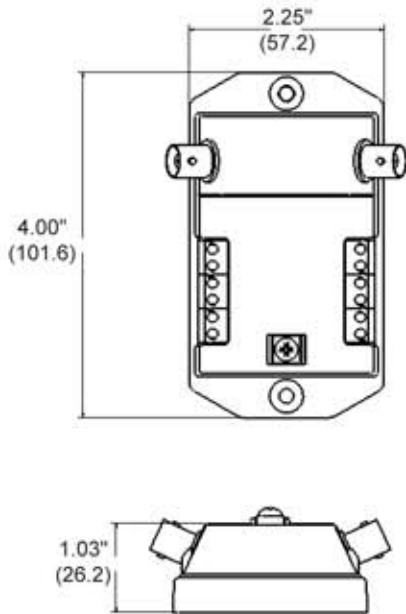
### ORDERING INFORMATION

Model No.	Description
PS-212-SP2	Surge Protector with UTP to coax conversion that passes video, PTZ commands and power
PS-222-SP2	UTP-UTP Surge Protector that passes video, PTZ commands and power
PS-232-SP2	Coax-Coax Surge Protector that passes video, PTZ commands and power

Differential or Common Mode Surge Protection

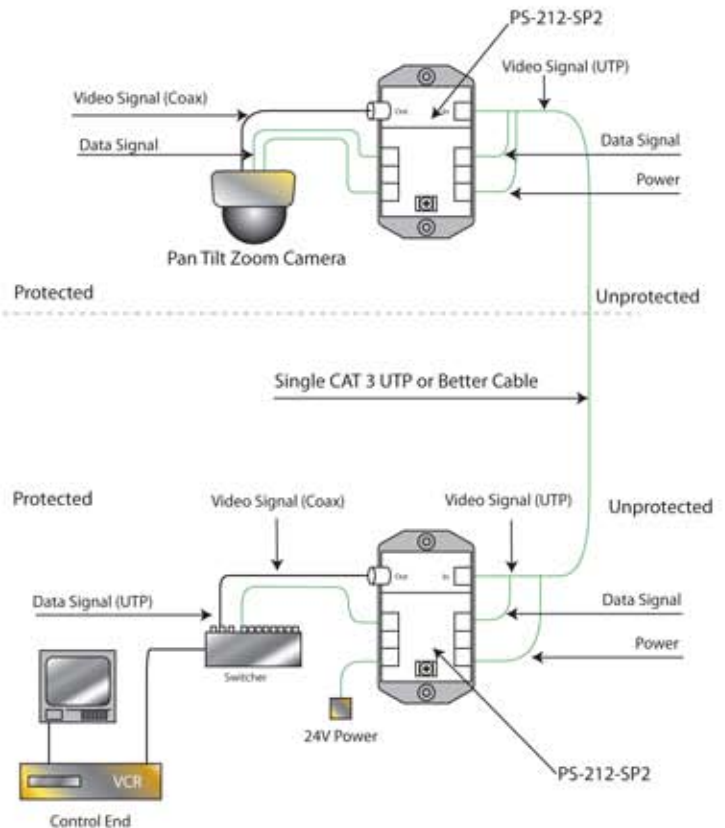
### MECHANICAL SPECIFICATIONS:

millimeters ( )



\* All models have the same dimensions.

### APPLICATION DIAGRAM:



Weight (approx.)	Operating Temperature	Relative Humidity
3.2 oz 91 g	5°F to 113°F -15°C to 45°C	98% RH max non-condensing

### Electrical Specifications

Frequency:	20 Hz to 10 MHz	Insertion Loss:	0.3 dB
Common Mode Rejection:	>50 dB (Typical)		
Power:	Not required	UTP Category:	≥3
Connection Method: (In/Out)	Video - BNC/UTP, BNC/BNC, UTP/UTP Power - Screw terminals/ Screw terminals	Nominal Working Voltage:	Video - 5VDC Power - 24VDC Data - 5VDC
DC Breakdown Voltage:	Video - 6.8VDC Power - 28VDC Data - 6.8VDC	Max Surge Current:	Video - 220A Power - 210A Data - 90A
Impedance:	Coax Cable - 75Ω	Impedance:	UTP - 100Ω
Response Time:	<5 ns	Limiting Currents:	360mA