



# "Z"- SERIES SURGE SUPPRESSORS

## INTELLIGENT MULTI-TECHNOLOGY SURGE SUPPRESSORS

**HIGH PERFORMANCE AT AN ECONOMICAL PRICE**

**OVERVOLTAGE AND OVERCURRENT PROTECTION**

**COMPLETELY SELF-RESETTING**

**COMPACT PLASTIC HOUSING**

### MULTI-TECHNOLOGY PROTECTION

Stealth surge suppressors are designed around the abilities of different technologies to handle environmental threats to different types of circuits. Sidactors, Tranzorbs, MOV's, resistors, inductive traces, ground planes and self-resetting *SmartFuses* are used in various combinations to protect video, telephone, data and power circuits against lightning and other hazards to a standard not available from single technology devices.

Both overvoltage and overcurrent protection are provided - a greatly enhanced level of protection compared to the industry-

### ZP-1V

The ZP-1V protects a single video input against lightning and other environmental hazards.

Connector: BNC

Clamping Voltage: 7V RMS

Response Time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches.



### ZP-2V

The ZP-2V protects two video inputs against lightning and other environmental hazards.

Connector: BNC

Clamping Voltage: 7V RMS

Response Time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches.



### ZP-120AC

The ZP-120AC protects a single 120V AC power input against lightning and other environmental hazards.

Connector: Flying Leads

Clamping Voltage: 400V RMS

Response Time: Less than 5 nS



### ZP-1ACV

The ZP-1ACV protects a single video input and a single AC or DC input against lightning and other environmental hazards.

Video Connector: BNC

AC/DC Connector: Screw Terminals

AC/DC Clamping Voltage: 68V

AC/DC Response Time: Less than 5 nS

Size: 2.9 x 1.5 x 1.7 inches.



### ZP-1DV (3 Models)

The ZP-1DV protects a single video input and a single data input against lightning and other environmental hazards. Different models are available for different data bus operating voltages.

Video Connector: BNC

Data Connector: Screw Terminals

Video & Data Clamping Voltage:

**ZP-1DV-7:** 7V RMS (for 5V data buses)

**ZP-1DV-15:** 15V RMS (for 12V data buses)

**ZP-1DV-28:** 28V RMS (for 24V data buses)

Video & Data Response Time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches.



### ZP-1ACDV (3 Models)

The ZP-1ACDV protects a single video input and a single data input against lightning and other environmental hazards. Different models are available for different data bus operating voltages.

Video Connector: BNC

Data Connector: Screw Terminals

Video & Data Clamping Voltage:

**ZP-1ACDV-7:** 7V RMS (for 5V data buses)

**ZP-1ACDV-15:** 15V RMS (for 12V data buses)

**ZP-1ACDV-28:** 28V RMS (for 24V data buses)

AC/DC Clamping Voltage: 68V

Video & Data Response Time: Less than 5 nS

Size: 3 x 2 x 1.7 inches.



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## **ZP-1TD "THUNDERDOME" for outdoor cameras**

The ZP-1TD Thunderdome protects video, data and power inputs in a PTZ camera or dome. It is supplied in a weatherproof housing.

Video Connector: BNC

Data Connector: 1 pair of screw terminals

Power Connector: 1 pair of screw terminals

Video Clamping Voltage: 7V

Data Clamping Voltage:

**ZP-1TD-7:** 7V RMS (for 5V data buses)

**ZP-1TD-15:** 15V RMS (for 12V data buses)

**ZP-1TD-28:** 28V RMS (for 24V data buses)

AC/DC Clamping Voltage: 240V

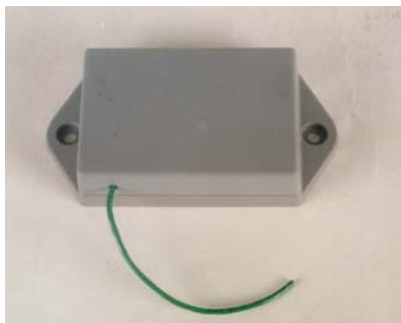
Video & Data Response Time: Less than 5 nS

Size: 3 x 2 x 1.7 inches.

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## **PHONE LINE PROTECTION**

The Z - series provides an economical and convenient way to protect phone lines from damaging transients. Models are available in single or dual phone line configurations or combining power and phone line protection.



### **ZP-1T**

The ZP-1T protects a single telephone line input against lightning and other environmental hazards.

Connector: Screw terminals and RJ31X jack provided

Clamping Voltage: 270V RMS

Response time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches

### **ZP-2T**

The ZP-2T protects two telephone line inputs against lightning and other environmental hazards.

Connector: Screw terminals and RJ31X jacks provided

Clamping Voltage: 270V RMS

Response time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches

### **ZP-1ACT**

The ZP-1ACT protects one telephone line input and one power line input (AC or DC) against lightning and other environmental hazards.

Connector: Screw terminals and RJ31X jack provided

Clamping Voltage: 270V RMS

AC/DC Response time: Less than 1 nS

Telco Response Time: Less than 1 nS

Size: 2.9 x 1.5 x 1.7 inches

## **STEALTH LABORATORIES SURGE SUPPRESSION WARRANTY**

We will replace any of our surge suppressors damaged in a lightning strike. Just call us at 800-360-4146 for a return authorization. Return the product to us and we will send you a new one free of charge.



26 5th Street S.E. Hickory, NC 28601 Te. 828-328-8674 Fax 828-328-1105 [www.stealthlabs.com](http://www.stealthlabs.com)