

**SYSTEM FEATURES**



- Protect security cameras
- Provides surge protection against harmful transient voltages that exceed the nominal operating voltage of coaxial line applications
- Fail-safe design
- Compact footprint allows for installation flexibility
- High strength and reliability in high exposure areas.
- Allows for two way communications

**PRODUCT SPECIFICATIONS**

**GENERAL SPECIFICATIONS**

**Applications:** Cameras/Composite Video  
**Design:** Multistage hybrid  
**Warranty:** 10-Year Unlimited Free Replacement

**ELECTRICAL SPECIFICATIONS**

**Operating Frequency:** 500MHz  
**MCOV:** 9 volts  
**Max Data Rate:** 100Mbps  
**Two Way Communication Compatible:** Yes  
**High Definition Compatible:** Yes  
**Mode of Protection:** All modes: line-ground & shield-ground.  
**Response Time:** < 1 nsec  
**Strength:** 20kA amps per wire  
**Series Resistance:** < 0.1 ohm  
**Insertion Loss:** <2.6dB @ 1.2GHz

**MECHANICAL SPECIFICATIONS**

**Dimensions (approx):** 3.5"L x 1"W  
**Enclosure Type:** Steel  
**Connection Method:** BNC Type connection w/ 3 ft. interface cable (Female - Female)  
**Mounting Method:** All units come standard with a universal mounting bracket that allows the units to be screw or Din-Rail mounted (horizontally or vertically)..  
**Operating Temperature:** -40° C to 85° C (-40° F to 185° F)  
**Weight:** 0.75 lbs. (0.34 kg)

**CABLE & SATELLITE CONFIGURATIONS**

Model Number	Number Of Circuits	Applications	Description
TK-CT2-CAM-BNC	1 Circuit In/Out	Security Cameras Composite Video	BNC Connectors

Specifications subject to change without notice, see web site [www.tpssurge.com](http://www.tpssurge.com) for latest revisions.

**DESCRIPTION**

The Total Protections Solutions management team has pioneered the development of power conditioning and protection products for high end electronics for over 22 years. Total Protection Solutions is your one stop shop for all your residential and commercial surge suppression and power filtering needs.

The TK-CT2-CAM-BNC offers the highest quality camera protection available. Strategically protect cameras and reduce failures. We strongly recommend protecting the power panel with a TPS panel mount TVSS unit.

