



"Our Name Says It All"

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The ST-CAM-HD-8 device is designed to protect data transmission circuits. These devices are intended for installation near the equipment to be protected and mounted as close to the equipment as possible so as to allow for a common grounding point. Connection is accomplished by using the terminal strips provided, making your installation a breeze. Ground lugs are provided on the face of the unit to insure a low impedance ground discharge path.

The unique design of these devices makes them among the most versatile TVSS devices on the market with superior performance specs and a warranty that is second to none.

GENERAL	
Description:	Series wired transient voltage surge suppressor with encapsulated Optimal Response Network™ circuitry for protection of data circuits.
Application:	Designed to protect transceivers at cameras and head-end equipment from damaging transients generated between terminals and equipment in the transmission system.
Warranty:	25 Years Unlimited Free Replacement

MECHANICAL	
Enclosure:	Plastic, UL 94V-0
Mounting:	External mounting feet. DIN mounting feet (DIN option)
Connection Method:	Wire clamping box terminals located at the input and output sides of the device. Wire size: Lines #18-22 AWG, Ground #6-12 AWG.
Shipping Weight:	> 2 lbs

CIRCUITRY	
Circuit Design:	Series wired hybrid design incorporating discrete all mode protection and utilizing our encapsulated Optimal Response Network™ design to provide lowest possible let-through voltages. All suppression circuits are encapsulated in our high dielectric compound to promote long component life and complete protection from the environment and/or vibration.
Protection Modes:	Dedicated protection components and circuitry for each mode. Discrete L-L (Normal Mode) and L-G, Shield-G (Common Mode)

PERFORMANCE	POWER	DATA	VIDEO
Maximum Continuous Operating Voltage:	24 V	5 V	15 V
Maximum Continuous Operating Current:	1 A	500 mA	500 mA
Series Resistance:	0	5 Ohms	2 Ohms
Maximum Data Rate:	2 Kb	2 Mb	1.4 GHz
Peak Surge Current per Pair:	L-L 10 kA, L-G 10 kA	L-L 10 kA, L-G 10 kA	L-L 10 kA, L-G 10 kA
Number of Lines:	2	4	2

