

## HD-SDI Surge Protector

### VS-1V22AQ

The **ENFORCER** HD-SDI Surge Protector is a passive device that helps protect sensitive HD-SDI CCTV equipment from power surges. The device can be used in new or existing installations. The **VS-1V22AQ** should be installed between a camera and a DVR or video splitter to protect against surges that could damage the video equipment.

### Features:

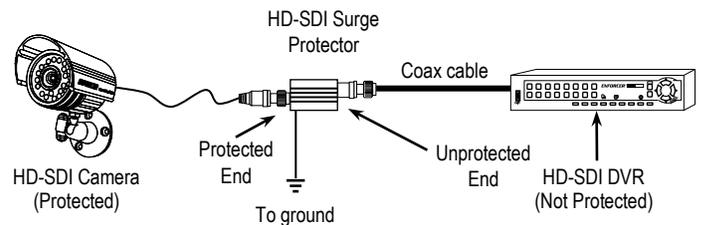
- Helps prevent damage to sensitive HD-SDI equipment such as cameras, DVRs, and switches
- Intercepts repeated surges and spikes that could damage HD-SDI equipment
- Passive operation – no external power required
- Includes a 16" grounding wire for convenient connection to ground

### Specifications:

Model	<b>VS-1V22AQ</b>	
Bandwidth	Up to 2.97Gb/s	
SDI Transmission Rate	270Mx~2.97Gx	
Maximum input	24Vp-p	
Insertion loss	<1.1dB	
Return loss	16dB@75Ω	
Frequency response	Up to 3dB@10MHz	
Insulation resistance	10,000MΩ	
Maximum surge voltage	Up to 8 kV	
Discharging current	Up to 10KA	
Surge life	300 surges@200A	
Surge reaction speed	1ns	
Surge resistance	0Ω	
Signal passing capability	Breakdown voltage	24V
	Clamping voltage	150V
Connector	In	BNC Male (75Ω)
	Out	BNC Female (75Ω)
Impedance	~75Ω (BNC-to-BNC)	
Dimensions	3"x1"x1" (76x26x26 mm)	
Weight	2.4-oz (68g)	
Material	Aluminum	
Operating temperature	-40°~194° F (-40°~90° C)	



### Sample Application:



### Also Available from SECO-LARM®:



**IPV-PD88Q**  
IP Surge Protector



**IPV-P188Q**  
PoE Surge Protector



**VS-1V12BQ**  
Video Surge Protector