

## surge protection devices

These devices provide protection from high voltage surges such as nearby lightning strikes. The devices shunt high voltage transients to ground and prevent them from passing onto sensitive electronic equipment such as VCR's, DVR's, Cameras and Multiplexers.

### Features:

- Protects equipment from high voltage surges, e.g. nearby lightning strikes.
- Two stage protection: under100ns – 90V, over100ns-12V.

Wide range of applications: CCTV, Television Antenna, Multiplexers & Quads, VCR, DVR etc.

**GSP01 - Coaxial Surge Protection Device BNC Connector**  
BNC male to BNC female

**GSP04 - Surge protection Device Terminal Connector**  
Terminal Block to Terminal Block  
Ideal for data signal protection  
Use with GSP01/GSP02/GSP03 to protect "Video+Data" speed dome cameras

**GSP06 - RJ45 Surge Protection Device**  
RJ45 Jack to RJ45 Jack  
Four pair protection  
Protects Twisted Pair products i.e. the GTA004 multifunction transceiver or any computer equipment utilising networking cable for transmission.



GSP01



GSP04



GSP06

### Specification:

	GSP01	GSP04	GSP06
Protection Attack Time	100 ns		
Maximum Surge Current	5000A		
Life	300 surges of 100Amps		
Normal Resistance Across Coax	10,000 MΩ		
Surge Resistance	Approx. 0Ω		
Power Passing Capability	DC 90V, AC 90Vp-p, 65V rms @ 10 Amps		
Insertion Loss	Less than 0.2 dB		
Return Loss (75 Ω)	16dB		
Connectors	BNC	Terminal	RJ45
Dimensions (mm)	78x25x25	65x25x25	87x67x27
Weight	80g	65g	134g

### Genie CCTV Limited

Unit D, 26 watchmead, welwyn garden city, hertfordshire AL7 1LT  
 tel: +44(0) 1707 330541 fax +44(0) 1707 330543  
 website: [genieccctv.com](http://genieccctv.com) email: [info@genieccctv.com](mailto:info@genieccctv.com)