

Bismon[®]
COMMUNICATION PRODUCTS

PRICE LIST

SURGE PROTECTOR
for CCTV SYSTEM
LAN Network

- Data Video
- Power
- Data
- Network
- HD-SDI
- PoE
- HD-AHD/CVI/TVI Camera



SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 1ns-90V, over 10ns-12V.
- Wide rang of applications: CCTV/CATV system, antenna of television, FM receivers, video camera, monitors multiplexers & quad processor, VCR, etc.

Coaxial Video Surge Protector BNC Connector



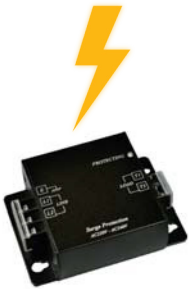
- BNC male to BNC female, Hi Frequency for both CCTV and CATV use
- Surge Protection Attack Time: 1 ns Maximum
- Surge Current: 4 KV
- Surge Life: 300 surges of 100Amps
- Normal Resistance Across Coax: 10,000 MΩ
- Surge Resistance Approx : 0Ω
- BAND PASS: 0~1 GHZ
- Power Passing Capability 130V AC/DC, 65 Vrms at 10Amps Insertion Loss: Less than 0.2 dB
- Return Loss (75 ohms): 16dB
- Return Loss (75 ohms): 16dB , WEIGHT: 80g

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 1ns-90V, over 10ns-12V.
- Wide range of applications: CCTV/CATV system, Antenna of Television, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR...etc.

Part Number	Description	List Price
SP001	Coaxial Video Surge Protector BNC Connector	1,376

AC Power Surge protection Device Terminal Connector



- Norminal peak voltage : wire >300V, Wire-grounding: >300V
- Surge current capacity : 6000A (8x20us)
- Surge voltage capacity : 6000V (1.2us x 50 us)
- Max. Load current : 4A (max.)
- Temperature : Operation: 0 to 55 C, Storage: 20 to 85 C, Humidity : Up to 95%
- Material : Metal Black
- Dimension (mm) : 67x87x28.5
- Weight (g) : 140

Features:

- Performs a different function than grounding requirements.
- Providing protection against lightning stroke for AC power loops.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Providing protection for equipments or instruments with power consumption below 10Amp.
- Terminal connector to terminal connector.
- Application for protect AC220-240V.

Part Number	Description	List Price
SP001P-AC220	AC Power Surge protection Device Terminal Connector	1,800

AC Power Surge protection Device Terminal Connector



- Surge protection attack time : 1 ns
- Maximum surge voltage : 4KV
- Surge life : 300 surges of 100 Amps
- Normal resistance across coax. : 10,000 M Ohm
- Surge resistance : approx. 0 Ohm
- Band Pass : 0-1 GHZ
- Power Passing capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion loss (75 ohms) : 16 dB
- Power in put : AC 40 V (Max.), DC 56V(Max)
- Connectors : Terminal
- Dimension (mm) : 65x25x25
- Weight (g) : 65

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.

Part Number	Description	List Price
SP001P	Power Surge Protector	1,456

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

Video & Power Surge Protector

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC56V(MAX)
- Connectors : BNC, Terminal
- Dimensions (mm) : 87x67x27
- Weight (g) : 136

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, An tenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.
- 3 pin terminal + BNC female to 4 pin terminal + BNC female.
- Two stage protection, AC/DC 130V, AC/DC 12V
- Max power input AC 40V(MAX), DC 56V(MAX).
- Max current up to 2Amp.

Part Number	Description	List Price
SP001VP	Video, Power, Data Surge Protector	2,068

Video, Power, Data Surge Protector

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC56V(MAX)
- Connectors : Terminal
- Dimensions (mm) : 87x67x27
- Weight (g) : 136

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, An tenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.
- 5 pin terminal (data, power, grounding) + BNC female (video) to 4 pin terminal + BNC female.
- Two stage protection, AC/DC 130V, AC/DC 12V
- Max power input AC 40V(MAX), DC 56V(MAX).
- Max current up to 2Amp.

Part Number	Description	List Price
SP001VPD	Video & Power Surge Protector	2,404

Coaxial for CCTV, CATV F-Type Surge Protector



ป้องกันไฟผ่า

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC56V(MAX)
- Connectors : F
- Dimensions (mm) : 78x25x25
- Weight (g) : 80

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, An tenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.
- 5 pin terminal (data, power, grounding) + BNC female (video) to 4 pin terminal + BNC female.
- Two stage protection, AC/DC 130V, AC/DC 12V
- Max power input AC 40V(MAX), DC 56V(MAX).
- Max current up to 2Amp.

Part Number	Description	List Price
SP002	Video Surge Protector - F Connector	1,400

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

Video & Power Surge Protection - F connector

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC 56V(MAX)
- Connectors : F, Terminal
- Dimensions (mm) : 87x67x27
- Weight (g) : 136

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 1ns-90V, over 10ns-12V.
- Wide range of applications: CCTV/CATV system, Antenna of Television, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR...etc.
- 3 pin terminal + F female to 4 pin terminal + F female.
- Two stage protection, AC/DC 130V, AC/DC 12V
- Max power input AC 40V(MAX), DC 56V(MAX).
- Max current up to 2Amp.

Part Number	Description	List Price
SP002VP	Video & Power Surge Protection - F connector	call

UTP Video Surge Protector RJ45 Connector

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : RJ45
- Dimensions (mm) : 85x25x25
- Weight (g) : 90

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Two pairs protection (pair 2 & pair 4)
- Protects UTP twisted pair transmission products

Part Number	Description	List Price
SP003	UTP Video Surge Protector RJ45 Connector	1,420/Pair

UTP Data Surge protection Device Terminal Connector

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC 56V(MAX)
- Connectors : Terminal
- Dimensions (mm) : 65x25x25
- Weight (g) : 65

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 1ns-90V, over 10ns-12V.
- Wide range of applications: CCTV/CATV system, Antenna of Television, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR...etc.
- Terminal connector to terminal connector.
- Perfect for video or data signal protection

Part Number	Description	List Price
SP004	UTP Data Surge protection Device Terminal Connector	1,420

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

UTP Video, Power, Data Surge Protection

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Power IN Put : AC 40V(MAX), DC 56V(MAX)
- Connectors : Terminal
- Dimensions (mm) : 87x67x27
- Weight (g) : 136

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.
- Terminal connector to terminal connector.
- Perfect for PTZ camera protection.
- Two stage protection, AC/DC 130V, AC/DC 12V.
- Max power input AC 40V(MAX), DC 56V(MAX).
- Max current up to 2Amp.
- Application for UTP cabling video, power, data protection.
- Could be two data, one power for access control application.

Part Number	Description	List Price
SP004VPD	UTP Video, Power, Data Surge Protection	2,408

Video, Data Surge Protection

ป้องกันไฟผ่า



Front



Back

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : Terminal
- Dimensions (mm) : 65x25x25
- Weight (g) : 65

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: 130V, AC/DC 12V
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.

Part Number	Description	List Price
SP005	Video and Data Surge Protection Device	2,068

Network Surge Protection Device

ป้องกันไฟผ่า



Front

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : DC 90V, AC 90Vp-p, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : RJ45
- Dimensions (mm) : 87x67x27
- Weight (g) : 126

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 100ns-90V, over 100ns-12V.
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.

Part Number	Description	List Price
SP006-K	Network, IP Surge Protector, RJ45 Connector	3,376/Pair

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

PoE (Power Over Ethernet) Surge Protection

ป้องกันไฟผ่า



- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 30000 surges@4KV
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- Power Passing Capability : 130V DC / AC, 65 Vrms at 10 Amps
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : RJ45
- Dimensions (mm) : 85x25.4x25.4
- Weight (g) : 80

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- RJ45 Jack to RJ45 Jack
- Power and signal line protection.
- 10/100 Base-T CAT5/CAT5e compatible.
- 802.3af POE (Power over Ethernet) compatible.
- Application for POE (Power over Ethernet) protection.

Part Number	Description	List Price
SP006P-K	PoE Surge Protector (RJ45)	3,376/Pair

HD-BaseT & 10G Network Surge Protector



Front



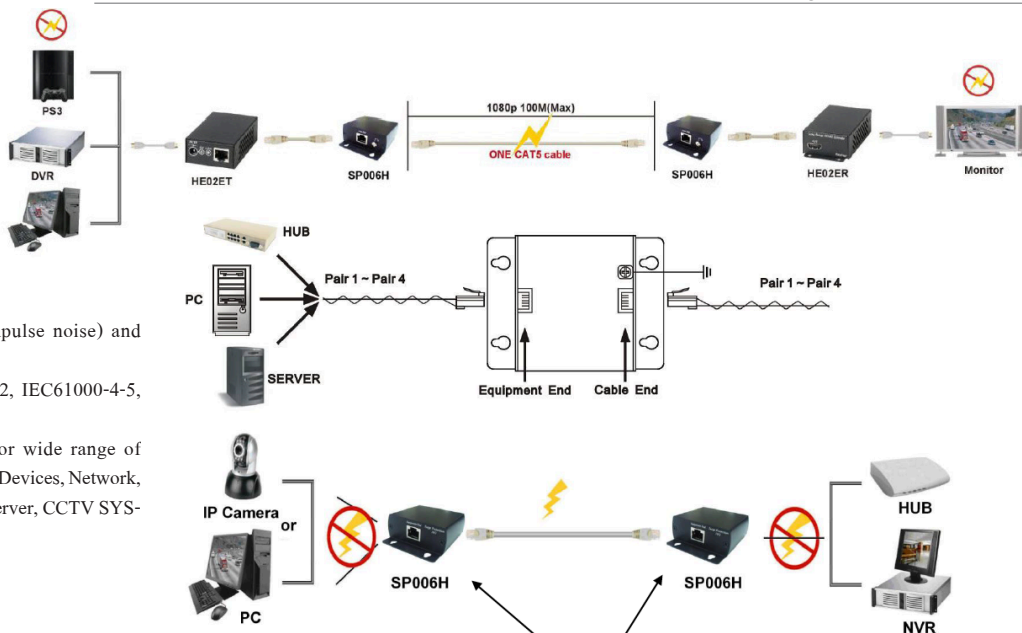
Back

- Input interface : RJ45
- Output interface : RJ45
- Response time : < 1 ns
- ESD protection : 15KV(Air), 8 KV (Contact) IEC 61000-4-2 compliant
- Lightning protection : 2KV (8/20us)/6KV (8/20us) IEC 61000-4-5 compliant
- Bandwidth (Data rate) : Up to 10Gb/s(Max)
- Insertion Loss : Less than 0.2 dB
- Return Loss (100 ohms) : 16 dB
- Temperature : Operation : -10 to 75 C
- Dimensions(mm) : 67x87x27
- Weight : 126 g

Features:

- Protects equipment from high voltage surges from nearby lightning strikes.
- Special design to protect high data rate network equipments, especially on HDBaseT CAT5e extender or any computer equipments work with network.
- Support the bandwidth data rate up to 10Gb/s (Max).

Part Number	Description	List Price
SP006H	Network 1G/10G, HDBaseT Extender Surge Protector	2,536



- Built in ESD, EFT (impulse noise) and lightning protection.
- Complaint IEC61000-4-2, IEC61000-4-5, IEC1000-4-5.
- Four pairs protection for wide range of applications: Any TCP/IP Devices, Network, switch hub, PC modem, server, CCTV SYS-TEM, IP camera...etc

Note:
For ensuring the unit can protect equipments, the cable must be connected to ground.

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟฟ้า)

1 G PoE (Power over Ethernet) Surge Protector



Front



Back

- Input interface : RJ45
- Output interface : RJ45
- Response time : < 1 nS
- ESD protection : 30KV (Air, Contact) IEC 61000-4-2 , IEC 61000-4-5 compliant
- Lightning protection : 5KV (8/20uS)/4 KV (10/700uS) EN61000-4-5
- Temperature : Operation : -10 to 70 C

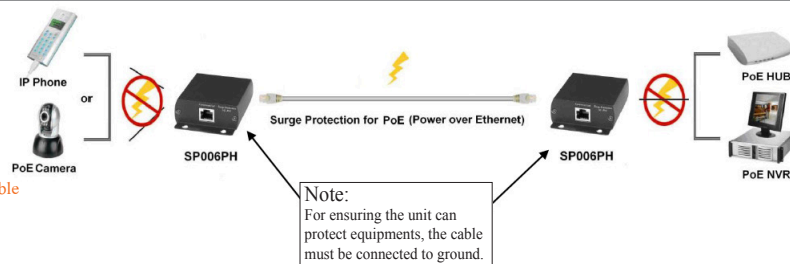
Features:

- Computer Control Rooms
- Educational Institutions
- Server Farms
- Commercial offices
- Manufacturing Facilities
- Transmitter and Receiver Stations

Part Number	Description	List Price
SP006PH	1G POE (Power Over Ethernet) Surge Protector	2,536

- Dimensions (mm) : 67x87x27
- Weight (g) : 126

- Support Mid-Span PoE and End Span PoE
- 802.3af and 802.3at PoE (Power over Ethernet) compatible



HD-SDI Surge Protection Device BNC Connector



- Equipment Connector : BNC MALE (75 Ohms)
- Cable Connector : BNC FEMALE (75 Ohms)
- Transmission Rate : 2.97Gb/s (Max)
- Insertion Loss : 1.1dB @ 2.97Gb/s
- Resisting Surge : 8KV (Max)
- Discharging Current : 10KA (Max)
- Dimensions (mm) : 75.5x25.4x25.4
- Weight (g) : 68

Features:

- BNC male to BNC female.
- Provide protection for HD CCTV, broadcasting devices.
- SDI transmission rate: 270M ~ 2.97G
- Resisting surge : 8KV (Max)
- Discharging current: 10KA (Max)

Part Number	Description	List Price
SP007	HD-SDI Surge Protection Device BNC Connector	1,988

HD-AHD/CVI/TVI Surge Protector

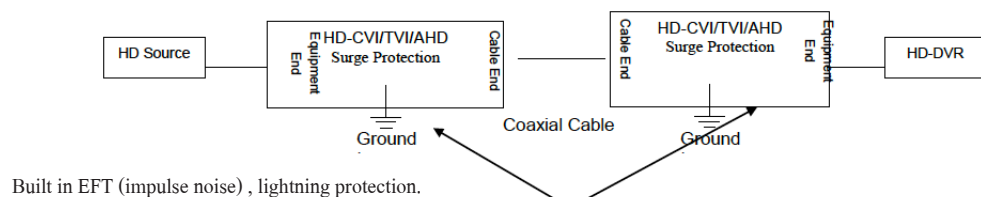


- Input and output interface: BNC(Male) x 1, BNC (Female) x 1
- Surge Protection attack time : < 1 nS
- Starting voltage surge : 7V
- Minimum Breakdown voltage : 25V
- Reference standard : IEC 61000-4-5

Features:

- BNC male to BNC female.
- CATV System
- Antenna of Television
- Video Cassette Recorders
- HD-CVI/TVI/AHD Camera and DVR/monitors

Part Number	Description	List Price
SP009	HD-AHD/CVI/TVI/CVBS Surge Protector	1,468



Built in EFT (impulse noise) , lightning protection.

Note:
For ensuring the unit can protect equipments, the cable must be connected to ground.

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

HDMI Surge Protector



Support HDMI 1.4

- Input/Output interface : HDMI x2
- ESD Protection : 15KV (ESD), 8KV (Contact)
- ESD Protection : 40A 5/50ns
- Lightning Protection : 5A (8/20 us)
- Reaction Speed : < 1 nS
- Temperature : Operation: 0 to 55 C
- : **Storage : -20 to 85 C**
- : **Humidity : up to 95%**
- Dimension (mm) : 58.3x25.4x25.4mm
- Weight (g) : 35g

Compliant IEC61000-

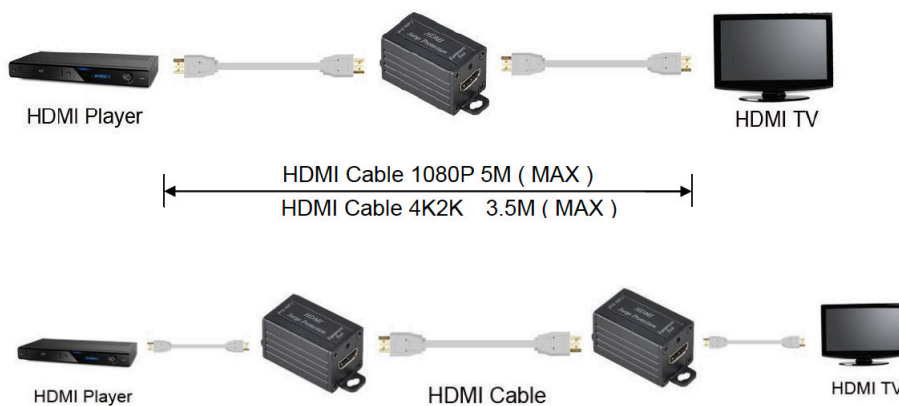
4-2, IEC61000-4-

4, IEC61000-4-5

Features:

- Application for protects equipment from high voltage surges such as lightning strikes.- Protects equipment from high voltage surges from nearby lightning strikes.
 - UL grounding requirements for HDMI cable offer protection from hazardous voltages that may occur on the shielding.
- Because of the physical length of ground wires, UL grounding systems may appear as an open circuit to lightning caused, high frequency surges and provide no protection from these surges getting into a home and destroying your HDMI BD, HDMI monitor...etc HDMI equipments.

Part Number	Description	List Price
SP008	HDMI Surge Protector	2,000



Video Surge Protector for DVR in 1U Rack Mounting Panel

SP016C

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 1 GHZ
- **Power Passing Capability : 130V AC / DC, 65 Vrms at 10 Amps**
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : **BNC**
- Dimensions (mm) : 482x170x44 (Standard 1U Rack Panel)
- Weight (g) : 1200

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 100ns-90V, over 100ns-12V.
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video

Part Number	Description	List Price
SP016C	Video Surge Protector for DVR in 1U Rack Mounting Panel	12,268

SP016 C

For RACK 19
1U BNCVideo Surge Protector for DVR
in 1U Rack Mounting Panel

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟฟ้า)

Video Surge Protector for DVR in 1U Rack Mounting Panel

ป้องกันไฟฟ้า

For RACK 19
แบบ Terminal

- Surge Protection Attack Time : 1 ns
- Maximum Surge Voltage : 4 KV
- Surge Life : 300 surges of 100Amps
- Normal Resistance Across Coax : 10,000 MΩ
- Surge Resistance : Approx. 0Ω
- BAND PASS : 0~1 GHZ
- **Power Passing Capability : DC 90V, AC 90Vp-p, 65 Wrms at 10 Amps**
- Insertion Loss : Less than 0.2 dB
- Return Loss (75 ohms) : 16dB
- Connectors : **Terminal**
- Dimensions (mm) : 482x170x44 (Standard 1U Rack Panel)
- Weight (g) : 1200

Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Two stage protection: under 100ns-90V, over 100ns-12V.
- Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video



Video Surge Protector for DVR แบบ Terminal in 1U Rack Mounting Panel

Part Number	Description	List Price
SP016T	Video Surge Protector for DVR in 1U Rack Mounting Panel	12,268

Video Surge Protector for NVR in 1U Rack Mounting Panel

ป้องกันไฟฟ้า
สำหรับกล่อง IP

- Operating Temperature -40 to 85 °C
- Connectors: 16 x RJ45 to 16 RJ45
- Connectors : **RJ45**
- Dimensions (mm) : 483x170x44 (Standard 1U Rack Panel)
- Weight (g) : 2200

Features:

- 16 x RJ45 Jack to 16x RJ45 Jack.
- 10/100/1000 Base-T CAT5/CAT5e compatible.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Units
Reverse Standoff Voltage	VRWM	IR<= 1uA			6.0	V
Reverse Voltage Drop	VR	IR=1mA		8.0		V
Reverse Leakage Current	ILEAK	VR=5V		0.1	0.5	um
Clamp Voltage	VC	IPP=1A, tP=8/20uS, I/O to GND		8.8	10.0	V
		IPP=5A, tP=8/20uS, I/O to GND		11.5	13.0	V
		IPP=8A, tP=8/20uS, I/O to GND		13.2	15.0	V
Dynamic Resistance	RDYN	(VC2-VC1) / (IPP2-IPP1)			0.7	Ohm
ESD Withstand Voltage	VESD	IEC61000-4-2 (Contact	+20			KV
		IEC61000-4-2 (Air)				KV



Part Number	Description	List Price
SP016N	16 Channel Network Surge Protector for NVR in 1U Rack mounting Panel	Call

SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

RJ45 Video Surge Protector for DVR in 1U Rack Mounting Panel

For RACK 19
แบบ RJ45 PoE
สำหรับกล่อง IP

- Respective Peak Off - Stage Voltage VDRM@
- IDRM=5 μ : 58V
- Switching Voltage VS@100V: 77 V
- Minimum Holding Current: 150 IH mA
- Switching Current: 800 Is mA
- On Stage Current: 2.2 IT A
- Operating Temperature -40 to 85 °C
- Connectors : **16xRJ45 to 16 RJ45**
- Dimensions (mm) : 483x170x44
(Standard 1U Rack Panel)
- Weight (g) : 2200

Features:

- 16 x RJ45 Jack to 16x RJ45 Jack
- Application for 16 channel POE hub (Power over Ethernet) protection.
- 10/100/1000 Base-T CAT5/CAT5e compatible.
- Support Mid-Span POE and End Span POE.
- 802.3af POE compatible.

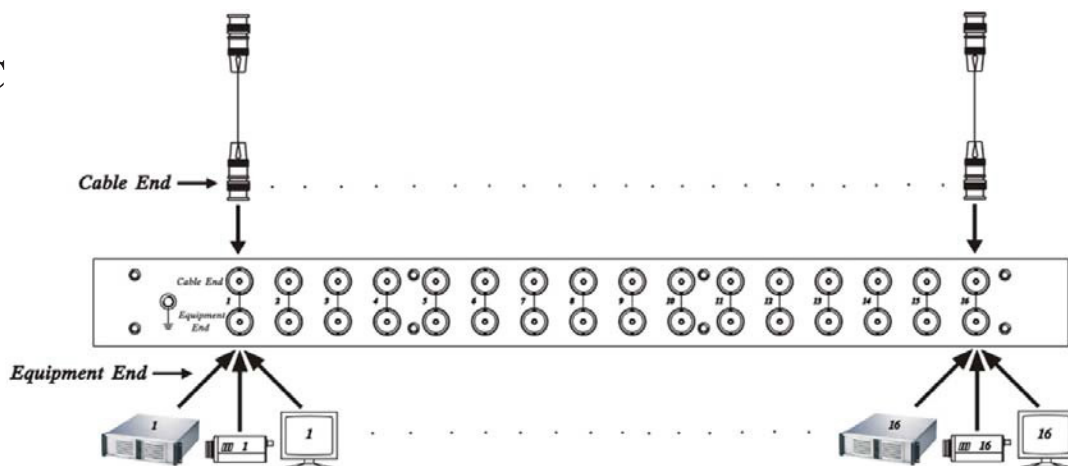


Part Number	Description	List Price
SP016P	16 Channel POE Surge Protector for POE Hub in 1U Rack Mounting Panel	18,136

SP016P



SP016C



SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

16 Channel Coaxial HD-CVI/TVI/AHD Surge Protection Device

- Input and output interface : BNC(Male) x 16, BNC (Female)x16
- Surge protection attack time : < 1nS
- Starting voltage surge : 6V
- Maximum clamping voltage : 25V
- Reference standard : IEC 61000-4-5
- Signal insertion loss : 0.8dB @ 42 MHz
- Maximum discharge current : 15KV (Max)
- Environmental specifications : Operation: -40 to 85 C
- Dimensions (mm) : 483x185.5x44(1U)
(Standard 1U Rack Panel)
- Weight (g) : 2200

Features:

- 16 x BNC male to 16x BNC female
- Provide protection for analog HD-CVI/TVI/AHD camera, DVR device
- Comply with IEC 61000-4-5
- Built EFT (impulse noise), Lightning Protection
- Provide protection for HD- DVR or any equipments with multiple video inputs.

Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- HD-CVI/TVI/AHD Camera and Monitors



BNC connector

Part Number	Description	List Price
SP016HD	16 Channel HD-TVI/AHD/HDCVI Surge Protector for DVR in 1U rack mounting panel	11,736



For RACK 19
หัวแบบ BNC
สำหรับกล้อง HD



SURGE FOR EQUIPMENT (ป้องกันไฟกระชาก และ ไฟผ่า)

16 Channel UTP HD-CVI/TVI/AHD/CVBS Surge Protection Device for DVR in 1 U Rack

- Input and output interface : input Terminal x 16, Output Terminal x16
- Surge protection attack time : < 1nS
- Starting voltage surge : 6V
- Maximum clamping voltage : 25V
- Reference standard : IEC 61000-4-5
- Signal insertion loss : 0.8dB @ 42 MHz
- Maximum discharge current : 15KV (Max)
- Environmental specifications : Operation: -40 to 85 C
- Dimensions (mm) : 483x185.5x44(1U)
(Standard 1U Rack Panel)
- Weight (g) : 2200



Terminal connector

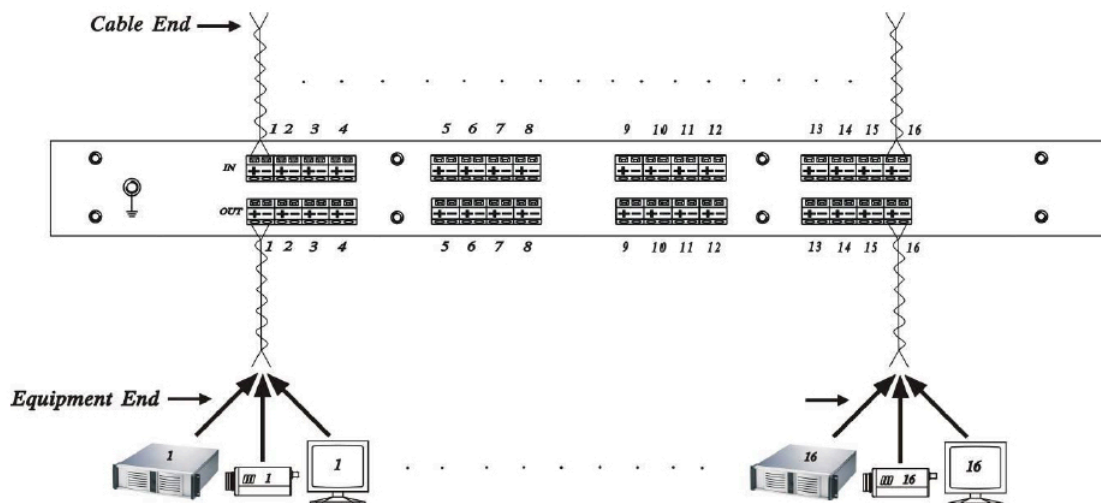
Features:

- Design to work with twisted pair cabling transmission
- 16 terminal to 16 terminal
- Provide protection for analog HD-CVI/TVI/AHD camera, DVR devices.
- Comply with IEC 61000-4-5
- Built in EFT (impulse noise), lightning protection.

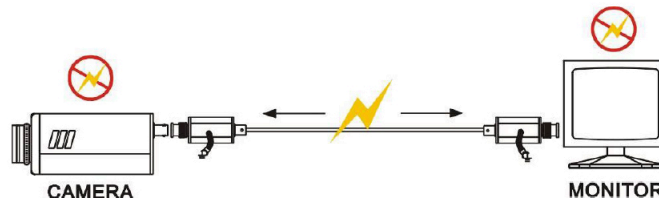
Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- HD-CVI/TVI/AHD Camera and Monitors

Part Number	Description	List Price
SP016HDT	16 Channel UTP HD-TVI/AHD/HDCVI Surge Protector In 1U Rack Mounting Panel	11,736



For RACK 19
ซื้อต่อแบบ Terminal
สำหรับกล้อง HD



Note:
For ensuring the unit can
protect equipments, the cable
must be connected to ground.



Follow us:



www.bismon.com



@bismonthailand



@bismonthailand



@bismonthai