

**MSL-PTZ-BNC—PREMIER PTZ CAMERA SURGE PROTECTOR BNC**



**Features**

- **Security Signal Line Protection**—Provides complete lightning and surge protection for Outdoor/indoor mounted cameras including Pan-Tilt-Zoom cameras.
- **Two LEDs to Indicate Performance**—One green LED indicates that the power is connected and functioning. Another green LED indicates that the AC ground is connected, ensuring a surge has somewhere to go other than valuable connected equipment. (MSL-PTZ-XXX)
- **Lightning Rated**—All the MSL-PTZ-XXX products are tested to meet UL Primary (497) and are UL Listed for Isolated Loop (497B) to ensure that they can protect against the most destructive surges.
- **\$10,000 Connected Equipment Warranty**—This ITW Linx product will protect your equipment or we will repair or replace it up to \$10,000\*!
- **Expandable AC Protection**—SurgeGate AC Base Units can be attached to SecureLinx series modules for AC power protection (4 or 8 outlets) and provides a single point ground connection. All SurgeGate AC base units features SurgeGate Plus Circuitry (overvoltage and under-voltage protection).
- **Expandable System Protection with Single Point Ground**—SecureLinx series modules can be added one on top of another to expand protection as your system grows and bond automatically to the same ground.
- **Lifetime Product Warranty**—This surge protector shall be free of any defects in design, materials, or workmanship, or ITW Linx will repair or replace the defective product.

**Technical Specifications**

*Designs and specifications are subject to change without notice due to product improvement.*

**PRODUCT SPECIFICATIONS:**

Agency Approval UL497B	Yes
LED Indicators	Yes
Grounding Requirements	Field installed solid copper wire
	#10 AWG
	#14 AWG for Secondary
Recommended Ground Impedance	< 0.5 Ohm
Width	4.25"
Height	4.25"
Depth	1.5"
Weight	0.43 lbs.
Product Warranty	Lifetime
Connected Equipment Warranty	Up to \$10,000



For up-to-date warranty information see our web site: [www.itwlinx.com](http://www.itwlinx.com)



**DATA LINE SURGE PROTECTION**

Signal Perfect Circuitry	No
Fused/Auto-Resettable	Yes
Clamping Level	7.5V
Response Time	1–5 Nanoseconds
Capacitance	< 50pF
Suppression Modes	All Pins to Ground
Wires Protected	4-wires
Termination Type	Screw Terminal Block

**VIDEO CIRCUIT PROTECTION**

Fused/Auto-Resettable	Yes
Response Time	1–5 Nanoseconds
Termination	BNC
Video Clamping Level	2.8V
Video Signal Voltage	1.1V
Ground Clamping Level	30V
True 75 Ohm Termination	Yes

**POWER CIRCUIT PROTECTION 12VDC/24 VAC**

Signal Perfect Circuitry	Yes
Fused/Auto-Resettable	Yes
Solid-state	Yes
Clamping Level	72V
Response Time	1–5 Nanoseconds
Wires Protected	Up to 2-wires
Termination Type	Screw Terminal Block



More information is available in the Technical Reference section of this catalog, turn to page 96.

**AC SURGE PROTECTION:**

SurgeGate Plus Circuitry	N/A
Protect or Disconnect Circuitry	N/A
Thermal Fusing	N/A
Catastrophic Surge Circuit	N/A
Over/Undervoltage Voltage Protection	N/A
Overvoltage Voltage Shutoff	N/A
Undervoltage Voltage Shutoff	N/A
Single Pulse Energy Dissipation	N/A
Peak Impulse Current	N/A
EMI/RFI Noise Filtration	N/A
Line Voltage	N/A
Initial Clamping Level	N/A
Clamping Level	N/A
Protection Modes	N/A
Maximum Current Rating	N/A
Response Time	N/A

**Ordering Information**

ITW Linx Part Number	Description	Termination Type
MSL-PTZ-BNC	Protects 4-wires data 7.5V, 2-wires power 12VDC/24VAC, 1 video 2.8V 75 Ohm BNC	BNC

Other voltages available, contact ITW Linx tech-support with requirements.



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- Fax Machines
- Cameras
- Access Controls
- Alarms
- Traffic Controls