

MSL-PTZ-BAL—PREMIER PTZ CAMERA SURGE PROTECTOR BALUN



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 only)
- **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

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	Terminal Type
MSL-PTZ-BAL	Protects 4-wires data 7.5V, 2-wires power 12VDC/24VAC, protects and converts 100 Ohm UTP to 75 Ohm BNC (2.8 V)	Screw Terminal Block

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

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
Video Clamping Level	2.8V
Video Signal Voltage.....	1.1V
Ground Clamping Level	30V
BAL conversion	from 100 Ohm UTP to 75 Ohm BNC

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



Applications:

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