

MODULAR PROTECTION

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.
- **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.
- **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.



ORDERING INFORMATION

ITW Linx Part Number	Description
MSL-PTZ-BAL	Protects 4-wires data 7.5V, 2-wires power 12VDC/24VAC, protects and converts 100 Ohm UTP to 75 Ohm BNC(2.8V). BNC termination type. (MOQ 12)

* Questions about ordering? Please contact us at **1-800-336-LINX** / Contact an authorized distributor for pricing *

For up-to-date warranty information, please visit our web site at www.itwlinx.com.

TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS:

Agency Approval	UL 497B
LED Indicators	Yes
Grounding Requirements	Field installed solid copper wire
.....	#10 AWG
.....	#14 AWG for Secondary - N/A
Recommended Grounding Impedance.....	<0.5 Ohm
Width.....	4.25"
Height.....	4.25"
Depth.....	1.5"
Weight.....	0.43 lbs
Warranty.....	1 Year from Manufacture

AC SURGE PROTECTION:..... N/A

SIGNAL LINE SURGE PROTECTION:

DATA LINE SURGE PROTECTION

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

POWER CIRCUIT PROTECTION 12 VDC/24 VAC

Signal Perfect Circuitry / Fused or Auto-Resettable / Solid-state.....	Yes
Clamping Level48V
Response Time	1-5 Nanoseconds
Wires Protected	Up to 2-wires
Termination Type	Screw Terminal Block

For more technical information, refer to "TECHNICAL REFERENCE", page(81-98).

Signal Perfect™ - For more information, refer to page 81.



SecureLinX™

