

# Outdoor Video Surveillance systems

## NSBox Lightning

### Lightning and Surge protection for Ethernet ports

- ✓ Compact Design
- ✓ Waterproof RJ45 connectors

- ✓ Gigabit Ethernet 10/100/1000-BaseT
- ✓ PoE 802.3at/3af // 60W / 95W UPoE

NSP-121PGi is a surge protector keeping any IP devices with Ethernet 10/100/1000Base-T interface safe from lightning strike and other forms of electrical interference such as power surges and spikes over networking cables. The devices support PoE transmission in accordance with 802.3at/3af and 60W/ 95W UPoE recommendations, regardless of the transmission method, as well as passive PoE. It protect all eight wires of networking cable including PoE.

NSP-121PGi is classified as harden-graded surge protector operating between -40°C and 85°C under harsh weather conditions and plug-and-play surge protector defending the surge up to 16KV. It has IP67/IK10 rated metal enclosure to protect outdoor IP devices such as IP cameras and wireless APs. The device should be installed immediately adjacent to outdoor IP cameras.

#### Technical Data

Maximum Operation DC Voltage: 60VDC	1 port 10/100/1000Base-T + PoE (802.3at/3af // 60W/ 95W UPoE)
Impulse Discharge Current (8/20us) line-ground: 8 kA	Mounting: Wall and pole-mounted options
Impulse Discharge Current (8/20us) line-line: 1 kA	Operating Humidity: 5% ~ 95% non-condensing
Common Mode Protection Level (10/700us): 20KV	Operating Temperature: -40 to +85°C
Differential Mode Protection Level (10/700us): 4KV	Weatherproof Housing IP67/IK10, Waterproof RJ45 connectors
Response Time: 5ns	Dimensions: 32x50x186 mm; Weight: 0.27 kg



#### Ordering Information

NSP-121PGi	Weatherproof Surge Protector for Ethernet 10/100/1000Base-T + PoE 802.3at/3af // 60W/ 95W UPoE
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