POE INJECTOR

NV-INJ60

Device overview

NV-INJ60 is a professional poe injector designed for reliable operation in modern network infrastructure. Gigabit PoE Power Injector (60W, 802.3bt) Key Features: • Two Gigabit RJ45 ports (Data Input and Data+PoE Power Output). • Extremely high power budget for a single device – up to 60W. • Full backward compatibility with international IEEE 802.3af/at/bt standards. • Integrated AC input port (built-in internal power supply) – no annoying external power bricks required. When you need to power and connect a single, highly demanding device to your network without investing in a complex PoE Switch, the NV-INJ60 is the perfect solution. This Gigabit PoE Injector boasts an incredible 60W capacity (compliant with the latest "bt" standard). It acts as a "booster," combining clean data transmission from a standard switch or router with high-voltage power over a single UTP cable. It is utterly indispensable when installing power-hungry equipment, such as large PTZ (Pan-Tilt-Zoom) cameras with heavy infrared illuminators, digital kiosks, or advanced Access Points. It features rigorous surge protection for complete peace of mind. Key operating parameters include wireless capability: -; power input: 100-240V AC; management: Unmanaged.

Key features

- Interfaces and performance: PoE ports: 1x 1Gbps (PoE-out); RJ45 uplink: 1x 1Gbps (Data-in); SFP/SFP+ ports: -; bandwidth: -.
- Power parameters: power method: 100-240V AC; power consumption: < 65W; PoE budget: 60W.
- Hardware platform: chipset: -; RAM: -; Flash memory: -.
- Environmental and mechanical parameters: enclosure: Desktop.
- Additional features: Surge Protection.

Recommended use

This device is best used as a distribution layer component for wired networking, PoE-powered endpoints, and structured topologies in offices, retail spaces, warehouses, and surveillance installations.

Installation and startup

1. Before installation, verify the power method, cabling plan, and installation site with respect to ventilation, temperature, and humidity.
2. Mount the device in its target location while maintaining access to ports, the reset button, and

safe cable routing paths.

3. Connect network cables to the required WAN, LAN, uplink, SFP, or PoE interfaces according to the network design and the role of connected endpoints.
4. Apply power according to the specification and wait until the device finishes booting and LED indicators stabilize.
5. Log in to the management interface and configure the essential parameters: IP addressing, operating mode, wireless settings, VLANs, security, and firmware update if available.

Configuration

- Replace default credentials and apply a strong administrator password.
- Assign a clear device name and configure IP settings in line with the network plan.

Operation and safety

- Do not connect the device to a power source that does not match the specification.
- Use verified cabling, especially in PoE installations and on long cable runs.
- Back up the configuration before reset, reboot scheduling, or firmware maintenance to reduce recovery time.