POE SWITCH

# NV-SHP108P

## Device overview

NV-SHP108P is a professional poe switch designed for reliable operation in modern network infrastructure. Unmanaged PoE Switch (6x PoE 100M + 2x High-PoE 60W + 2x Uplink 100M) Key Features: • 8 PoE power delivery ports (10/100 Mbps) + 2 Uplink communication ports (10/100 Mbps). • Ports 7 and 8 support the enhanced High-PoE 802.3bt standard (up to 60W per port). • Integrated proprietary hardware functions: hardware port isolator (VLAN), AI Extend, and Watchdog. • Elegant metal chassis and a built-in internal AC power supply (no bulky external power bricks). Designed to power and optimize medium-sized surveillance topologies, the NV-SHP108P switch delivers flawless power and data across eight access ports. It is the ideal foundation for distributed systems—allowing you to collect footage from 8 different zones, while the dual Uplink interface flexibly forwards the aggregated data to both a router and an NVR independently. The key differentiator of this model is its support for extremely demanding Hi-PoE modules (on ports 7 and 8). This means you can install power-hungry industrial PTZ cameras without the need for dedicated midspan injectors, ensuring zero loss in video quality. Key operating parameters include wireless capability: -; power input: 100-240V AC; management: Unmanaged.

## Key features

- Interfaces and performance: PoE ports: 8x 100Mbps (PoE); RJ45 uplink: 2x 100Mbps; SFP/SFP+ ports: -; bandwidth: 2.0 Gbps.
- Power parameters: power method: 100-240V AC; power consumption: < 5W (bez PoE); PoE budget: 120W.
- Hardware platform: chipset: -; RAM: -; Flash memory: -.
- Environmental and mechanical parameters: dimensions: 195 * 130 * 40 mm; enclosure: Desktop.
- Additional features: VLAN, AI-PoE, Extend 300m.

## 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.