

POE SWITCH

NV-SHP64P

Device overview

NV-SHP64P is a professional poe switch designed for reliable operation in modern network infrastructure. Unmanaged PoE Switch (3x PoE 100M + 1x High-PoE 60W + 2x Uplink 100M) Key Features: • 4 PoE utility ports (10/100 Mbps), including the final port supporting the High-PoE BT (up to 60W) standard. • 2 classic RJ45 Uplink interfaces (10/100 Mbps) for communication with the NVR and core network. • Artificial Intelligence suite: physical toggles for AI Extend (300m range), Port VLAN, and AI Watchdog. • Compact design with an integrated internal power supply. The NV-SHP64P is a hardware classic for security and surveillance installers, enriched with a powerful feature usually found in premium devices: full support for the PoE BT standard (delivering up to 60W of power on port number 4). This configuration enables a single, small switch to power a group of standard IP cameras alongside one large, motorized unit without the fear of sudden voltage drops. With a complete array of physical switches (VLAN preventing network conflicts, Watchdog automating maintenance), this device immediately becomes a maintenance-free transmission node, radically minimizing the cost of on-site service visits. Key operating parameters include wireless capability: -; power input: 100-240V AC; management: Unmanaged.

Key features

- Interfaces and performance: PoE ports: 4x 100Mbps (PoE); RJ45 uplink: 2x 100Mbps; SFP/SFP+ ports: -; bandwidth: 1.2 Gbps.
- Power parameters: power method: 100-240V AC; power consumption: < 3W (bez PoE); PoE budget: 65W.
- 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.

