

# NS6000S-8P2U

## 8-Port 100M Unmanaged PoE Switch

Reliable PoE power delivery for IP surveillance — fanless, compact design with plug-and-play operation



The Nexakey NS6000S-8P2U is a compact, fanless 8-port 100M unmanaged PoE switch designed for small surveillance networks, office environments, and home installations. Equipped with 8× 100Mbps PoE ports and 2× Fast Ethernet uplink ports, it delivers up to 30W per port under IEEE 802.3af/at standards. Its silent fanless design, desktop or wall-mount form factor, and plug-and-play operation make it ideal for powering IP cameras, VoIP phones, and wireless access points without any configuration overhead.

### KEY FEATURES

- ✓ **8× 100Mbps PoE Ports** — IEEE 802.3af/at compliant — up to 30W per port for IP cameras, APs, and VoIP phones
- ✓ **Fanless Silent Design** — no moving parts means zero noise operation — ideal for offices, reception areas, and quiet environments
- ✓ **2× Fast Ethernet Uplinks** — dedicated uplink ports connect to routers, NVRs, or core switches without losing PoE capacity
- ✓ **Extended 200m Transmission** — supports long-distance PoE data delivery up to 200 meters for distributed camera systems
- ✓ **Desktop or Wall-Mount** — compact form factor fits any space — mount on wall or sit on desk with included brackets
- ✓ **Plug & Play Operation** — zero configuration required — connect and power devices instantly without IT expertise

### APPLICATIONS

- IP Surveillance & NVR Systems
- Wireless Access Point Deployments
- VoIP Phone Networks
- Enterprise Office Networks
- Smart Building & IoT Infrastructure
- Outdoor Security Installations

### TECHNICAL SPECIFICATIONS

|                           |                                  |                       |                                    |
|---------------------------|----------------------------------|-----------------------|------------------------------------|
| Model                     | NS6000S-8P2U                     | Switch Type           | Unmanaged Fast Ethernet PoE Switch |
| PoE Ports                 | 8× 10/100 Mbps (IEEE 802.3af/at) | PoE Power per Port    | Up to 30W                          |
| Total PoE Power Budget    | 120W                             | Uplink Ports          | 2× 10/100 Mbps RJ45                |
| Max Transmission Distance | 200 meters (PoE + Data)          | Switching Capacity    | 2.8 Gbps                           |
| Forwarding Rate           | 2.08 Mpps                        | Power Supply          | AC 100–240V, 50/60Hz (Built-In)    |
| Cooling                   | Fanless (Natural Convection)     | Installation          | Desktop or Wall-Mount              |
| Cable Support             | Cat5e or Higher                  | Operating Temperature | 0°C ~ +50°C                        |
| Country of Origin         | China                            | Certifications        | CE, FCC, RoHS                      |
| Warranty                  | 24 Months                        |                       |                                    |

#### CERTIFICATIONS



#### NEXAKEY

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