

NS-6000GS-24P2U2S

24Port PoE Switch (Full Giga) With 2SFP



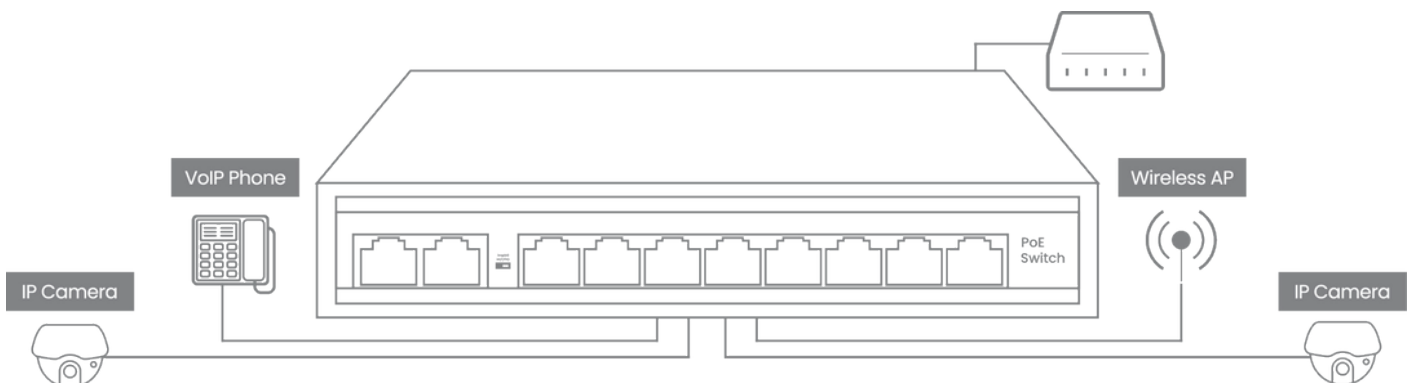
Key Feature

- 2 × 1000 Mbps SFP slot
- Max transmission distance up to 250 meters
- 2 × 10/100/1000 Mbps uplink ports
- 24 × 10/100/1000 Mbps PoE ports
- Plug & Play (Unmanaged switch)



The NexaKey NS-6000GS-24P2U1S 24 Port 1000M Unmanaged PoE Switch is a powerful and reliable networking solution designed to meet the growing demands of modern surveillance and office environments. Equipped with 24 Gigabit PoE ports, 2 uplink ports, and 1 SFP slot, this switch ensures high-speed data transmission along with stable power delivery to connected devices such as IP cameras, access control systems, and wireless access points. It supports IEEE 802.3af/at standards, allowing automatic detection and power supply of compatible devices, with up to 30W per port and a high total power budget suitable for large-scale deployments.

Built with advanced switching technology and a high backplane bandwidth, the device delivers smooth and efficient data processing, ensuring uninterrupted network performance. Its support for VLAN function and network storm suppression enhances network stability and security, while the extended transmission distance of up to 250 meters makes it ideal for wide-area installations. The switch features a fanless, compact, and durable metal design, ensuring silent operation and long-lasting performance. With plug-and-play functionality, built-in power

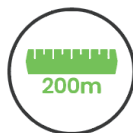


Specification

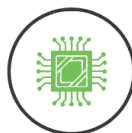
Parameters		Description
Power	Power Adapter Voltage	AC 110V-240V
	Consumption	300W 52V,2.3A)
Network	Network Port	1-24 Port: 10/1000Mbps
		Uplink Port: 10/100/1000Mbps
		SFP Port: 1000Mbps
	Transmission Distance	1-24 Port: 100Mbps~100m: 10Mbps: 0-250m;
	Length Capability	Uplink Port: 0~100m
Dependency		SFP: depends on the optical module (20km...100km)
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x, IEEE802.ab
	Switching Capacity	9.2Gbps
	Packet buffer memory	1Mbits
	Throughput	6.8448Mpps
	MAC Table	2K
	Packet Forwarding Rate	10Mbps:14880pps/port 100Mbps: 148800pps/prt 1000Mbps:1488000pps/port
Power Over Ethernet	POE Standard	IEEE 802.3at/at
	PoE Power Supply	End-Span 1/2+:376-)
	POE Power	af 15.4W,at=30W
RJ45 Port	Port Function	Power priority mechanism, fast and forward. MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LED Indicator	UNK/ACT.100Mbps;POE Status Indicator; Power indicator:Extender
Environmental	Working Temperature	0-c-55-c
	Relative Humidity	20-95%
	Storage temperature	-20°C-70°C
Technical	Dimension (L*W*H)	440mm*285mm*55mm
	Color	Black
	Weight	4.2kg



Intelligent PoE Management



Up to 200m Long Range PoE Transmission



4/8-Core Adaptive Power Supply with Less Power Loss



6KV Surge Protection to Improve Reliability in Harsh Environment



Design for Video Transmission