

NTB7516GE-POE-4GF

16 Gigabit PoE Ports Managed Ethernet Switch

16 x PoE+ ports, 4 x SFP, Fast ring, L2 Managed, 6KV Lightning protection

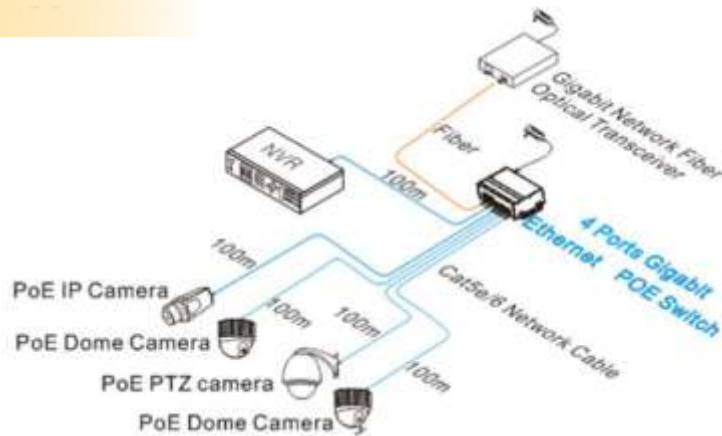
The NTB7516GE-POE-4GF 16 ports Gigabit Ethernet PoE switch is a managed switch, which provides 4 Gigabit SFP uplink ports, and 16 Gigabit PoE Ethernet ports. Supports IEEE 802.3 af/at, Web layer-2 network management and PoE management. Products are widely used in video surveillance networks, industrial networks and other IoT applications.



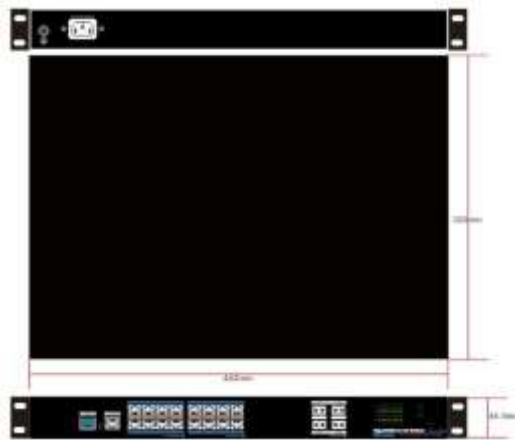
Product Features

- Provides 4 Gigabit SFP uplink ports
- 16 x 10/100/1000T Ethernet ports, with PoE (IEEE802.3af/at) available on 16 ports
- User-friendly, web-based layer 2 network management and PoE ports management
- Supports high-speed data forwarding, very suitable for large video data flowing in the network
- Supports fast ring, self-healing in 20ms minimum
- Supports temperature-controlled fan
- Quick installation and simple operation, convenient for wall, rack and desktop installations

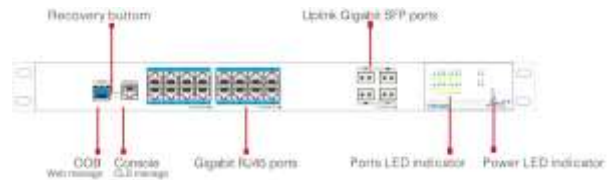
Application



Physical Features



Interface Drawing



Product Contents

The product comes with the following:

- NTB7516GE-POE-4GF (1 pc)
- AC Power Cord (1 pc)
- Accessories (1 pc)
- User Manual (1 pc)

Hardware Specifications

Item	Description
Fixed Ports	16 x 10/100/1000 Base-T PoE RJ45 (Auto-MDI/MDI-X)
SFP Ports	4 x 1000 Base-X SFP (Mini-GBIC)
Console Port	1 x RJ45-R232 serial port (115200, 8, N, 1)
Out-of-band Management Port	1 x 10/100Base-TX RJ45 (only used for Web management) Default IP: 192.168.1.200 (name: admin ; password: admin)
Init button	Short press: restart >5s restore factory settings
Network Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.1q, IEEE 802.1p, IEEE 802.3ad, IEEE 802.1d, IEEE 802.1x
Switching Capacity	40Gbps / non-blocking
Throughput	29.8Mpps
Transmission Method	Store and Forward
Packet Buffer Size	12Mbits
MAC Table Size	16K with auto learning function
Jumbo Frame	10Kbytes
PoE Standards	802.3af/at (PSE)
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	Up to 30 watts per port
PoE Budget	270 watts max
Lightning protection	6KV Execute: IEC61000-4-5
ESD	6KV Contact discharge 8KV Air discharge Execute: IEC61000-4-2
Power Supply	100~240VAC 50/60Hz, Auto-sensing
Power Consumption	320W (including PoE)
Operating temperature	-10°C~50°C
Storage temperature	-40°C~85°C
Humidity	5%-95% (non-condensing)
Dimension (L×W×H)	442mm × 320mm × 44.5mm
Weight	4.35kg
Certifications	CE, FCC, ROHS

Software Specifications

Software Features	
Port Management	Port Enable/Disable
	Port Rate Settings
	Port Full-duplex Mode
	IEEE802.3x Flow Control
	Port Name Change
VLAN	4K VLAN
	802.1Q Protocol-Based VLAN
	Port-Based VLAN
QoS Classification	QoS
	8-Level priority management
	WRR
	820.1p and DSCP Priority
Multicast Management	SNMP V1/V2/V3 Protocol
	IGMP snooping
POE Management	Total power consumption control
	PoE ON/OFF
	Single Port 30W max., Power change and Port output priority
Security Features	IP, MAC, Port, VLAN combination and binding
	MAC address auto-learning, aging & filtering
	Port Isolation, Port Speed-Limited
	RSTP
	Fast-Ring
	5 groups of 8-Port trunk
	RADIUS Authentication & 802.1x Authentication
System Management & Maintenance	WEB management, CLR settings and telnet settings
	FTP/TFTP/HTTP web updating
	Flow Calculate
	MAC address Form Search
	IP Address, DNS Server Change
	Password access control
	Syslog support
	System settings backup

Related Products

- ❖ 24-Port Gigabit PoE & 4x SFP 10Gigabit Managed Ethernet Switch - NTB7624GE-POE-L3
- ❖ 24-Port Gigabit & 4x SFP 10Gigabit Managed Ethernet Switch - NTB7624E-L3