

## Unmanaged PoE Switches

**NS-104UT-MAQ** 10/100 Mbps, 4-Port,  
4 Downlink, 2 Uplink

**NS-504UT-GAQ** Gigabit, 4-Port,  
4 Downlink, 1 Uplink, 1 SFP

**NS-508UT-GAQ** Gigabit, 8-Port,  
8 Downlink, 2 Uplink

**NS-516UT-GAQ** Gigabit, 16-Port,  
16 Downlink, 2 Uplink, 2 SFP

ENFORCER Unmanaged PoE Switches provide Ethernet and power to PoE devices such as IP cameras, IP access control, IP speakers/intercoms, IP telephony, etc. Fast packet forwarding capability and extra backplane bandwidth ensure clear images at fast transmission speeds for video, making them well-suited for HD IP CCTV installations.



NS-104UT-MAQ



NS-504UT-GAQ



NS-508UT-GAQ



NS-516UT-GAQ

### Features

- Provides both Ethernet data and power to multiple PoE devices including IP cameras, IP access, IP speakers/intercoms, VOIP, etc.
- Specially designed for video transmission with fast packet forwarding capability for clear images and smooth transmission
- Easy plug-and-play installation
- Supports up to 10/100/1000BASE-T\*
- IEEE 802.3x flow control

\*NS-104UT-MAQ supports 10/100BASE-T only

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**Specifications**

Model	NS-104UT-MAQ	NS-504UT-GAQ	NS-508UT-GAQ	NS-516UT-GAQ
Operating voltage	48-57 VDC†		100-240 VAC	
Power consumption	<5W	<5W	<10W	<15W
Ports	4 Downlink, 2 uplink	4 Downlink, 1 uplink, 1 SFP	8 Downlink, 2 uplink	16 Downlink, 2 uplink, 2 SFP
Ethernet speed	10/100Mbps (uplink, 100Mbps)	10/100/1000Mbps (uplink, 1000Mbps)		
Ethernet standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x, IEEE 802.3z	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x
Transmission distance	328ft (100m)*§			
PoE capacity	55W	60W	120W	250W
Switching capacity	1.2Gbps	12Gbps	20Gbps	40Gbps
Transfer rate	10Mbps	14,880pps		
	100Mbps	148,800pps		
	1000Mbps	N/A	1,488,000pps	
MAC Address table	1K	2K	4K	8K
LED Indicators	Connection/transmission and PoE for each port, power			
Operating humidity	0~85% non-condensing			0~90% non-condensing
Operating temperature	14°~122° F (-10°~40° C)			
Dimensions	4"x7/8"x2 <sup>15</sup> / <sub>16</sub> " (102x22x75 mm)	6 <sup>5</sup> / <sub>8</sub> "x1 <sup>1</sup> / <sub>4</sub> "x3 <sup>11</sup> / <sub>16</sub> " (168x32x94 mm)	7 <sup>1</sup> / <sub>8</sub> "x2 <sup>3</sup> / <sub>4</sub> "x4 <sup>5</sup> / <sub>8</sub> " (200x44x118 mm)	12 <sup>5</sup> / <sub>8</sub> "x1 <sup>3</sup> / <sub>4</sub> "x8 <sup>1</sup> / <sub>8</sub> " (320x44x207mm)
Weight	6.8-oz (194g)	1-lb 5-oz (480g)	1-lb 12.4-oz (806g)	4-lb 8-oz (2.06kg)

†Power adapter included

\*Distance depends on Ethernet cables used. Cat5e/6 recommended

§656ft (200m) at 10Mbps on NS-104UT-MAQ, and NS-516UT-GAQ with VLAN switch ON

**Sample Application**

