

# DES3000-16T-POE

## Introduction

DES3000-16T-POE is Gigabit uplink Unmanaged Switch which provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to boost your old network to 1000Mbps. Increase the speed of your network server and backbone connections, making Gigabit connection to a server or uplink a network necessarily.

Its PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD).

The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.



## Key Features

- Multiple working modes to address your business needs: Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

## Specifications

Model	Description
Ports	16×100Mbps PoE ports (RJ45)+2×1000Mbps Combo ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az
Switching capacity	7.2Gbps

Model	Description
Forwarding performance	5.36Mpps
Packet Buffer	4Mbit
MAC	16K
Dimensions (W×D×H)	440mm x 207mm x 45mm(17.3"×8.1"×1.8")
Weight	<4.2kg
Power supply	AC: 100-240V, 50/60Hz
PoE	802.3at/af
Max. PoE Power	Max capacity: 250W Max capacity for single port: 30W
Switch Power	270W
Surge Protection	Common mode $\pm 6KV$ Differential mode $\pm 4KV$
Electrostatic standard	Common mode $\pm 6KV$ Differential mode $\pm 8KV$
Cooling Fans	2
Mean Time Between Failure(MTBF)	>50000 hours
Ambient temperature	0°C-45°C (32°F-113°F)
Operating humidity	10%~90% (noncondensing)
Storage humidity	5%~90% (noncondensing)
Indicator	PWR: Steady on: AC input is normal Off: No AC input
	PoE: Off: No PoE power supply Steady on: PoE power supply is normal Flashing: PoE power supply is abnormal
	LINK/ACT: Off: No link Steady: Linked at 10/100Mbps Flashing: Transmitting data
	Speed: Off: Linked at 10/100Mbps On: Linked at 1000Mbps
Working Mode	Default(Normal mode) : All ports can communicate with each other. VLAN(Secure mode): Downlink ports can communicate only with uplink ports. EXTEND(Surveillance mode): Transmission distance up to 250 meters ,also downlink ports can communicate only with uplink ports.

\*Product specifications and availability are subject to change without notice.