



# PoE Fast Ethernet Switch

NT-W500-AF4 series

## Overview

To satisfy the increasing demand of PoE for Fast Ethernet (FE) networking, N-net has developed this series of PoE FE switch. The NT-W500-AF4 is 5-port FE media converters, which provides (4) 10/100BASE-TX 802.3af/ at PoE copper ports and a 10/100BASE-TX uplink port.

The NT-W500-AF4 supports 60-watt PoE budget to drive up to 4 IEEE 802.3af (or 2 IEEE 802.3 at) compliant powered devices simultaneously. The PoE feature enables the NT-W500-AF4 an efficient and cost-effective solution for SMB, SOHO or other similar fields to deploy the PoE network for the wireless access points, IP-based surveillance cameras or IP phones anywhere easily and efficiently.

## Features

- ✧ Built-in efficient switching core to implement flow control and reduce broadcast packets
- ✧ Standard Compliance: IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet, IEEE802.3x Flow Control, IEEE802.3af/ at PoE
- ✧ 10/100Base-TX automatically identify the direct line and cross-line, compatible with various cards, switches, HUB and other Ethernet devices
- ✧ Store-and-forward mechanism is employed to avoid packet loss and error frames
- ✧ Support full-duplex flow control / half-duplex back pressure mode
- ✧ Jumbo frames support a maximum of 1552 bytes
- ✧ 52 VDC power input
- ✧ -20 To 70 °C operating temperature to meet a variety of complex environments
- ✧ Copper ports support ESD protection
- ✧ Support PoE power supply up to maximum of 30W



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## ❖ Specifications

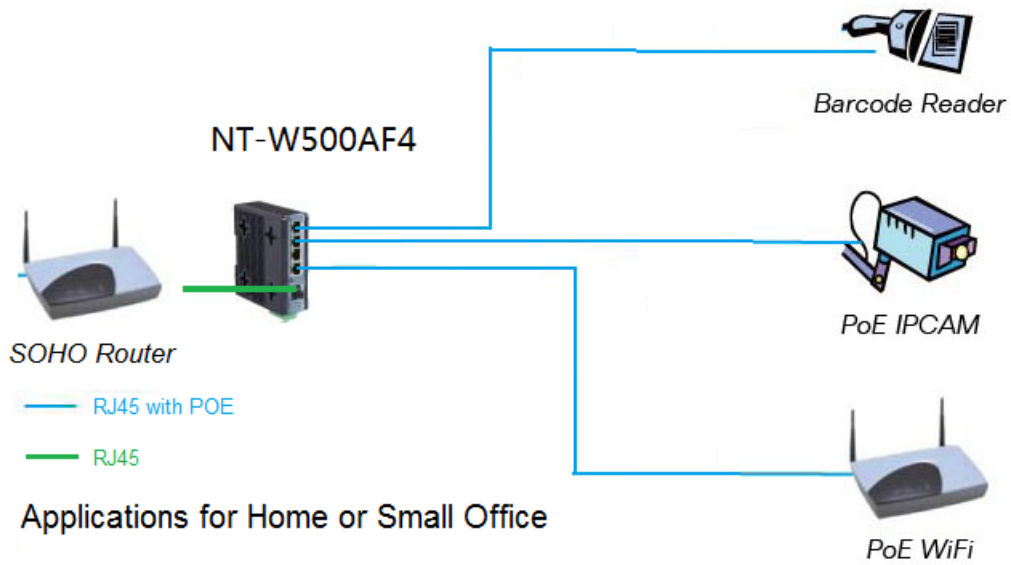
Parameter	Specifications
Access mode	10/100Mbps
Standard	IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet, IEEE802.3x Flow Control, IEEE802.3af/ at PoE
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode:500km Single fiber single mode: 20/40/60/80km Dual-fiber single mode:20/40/60/80/100km Category-5 twisted pairs: 100m
Port	5 RJ45 ports: Connecting STP/UTP category-5 twisted pairs, EIA568A/B
Conversion means	Store and Forward
Flow control	Full duplex: flow control; Half duplex: back pressure
BER	$<10^{-9}$
MTBF	50,000 hours
LED indicator	Power Supply : PWR (1~4)UTP Port: POE, L/A
Power supply	Power Input Range: 48VDC, Power Interface: DC Power Jack
Power Requirement	52VDC @ 1.25A 60W
Power consumption	$<5W$
Operating temperature	-20~70°C
Operating humidity	5%~90% non-condensing
Storage Temperature	-20~70°C
Storage humidity	5%~90% non-condensing
Dimensions	110.20mm (W)×95.70mm (D)×30.00mm (H)
Weight	



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## Application



## Dimensions

