

# **5 ports Gigabit Ethernet Switch With 4 Ports 802.3at PoE**

## **User Manual**

Ver 1.0

P/N: 41NE-PG054000-A00

## 1. Introductions

It is a 5-port 10M/100/1000M Ethernet Switch that with one uplink port + 4 ports of Power over Ethernet capability. Per PoE port is power supply up to 30W. The total PoE power budget is 65W. It is an ideal solution where office and home users utilize a combination of PoE and non-PoE enabled devices.

## 2. Packing List

Inside the package you should find:

- (1) One PoE Switch
- (2) One Power Cord
- (3) One User Manual

Please check if the packing is damaged or any component is missing. If so, please contact your distributor.

## 3. LED Indicators

On the front panel of the PoE switch, there are 10 LED indicators as the following;

**POWER:** “**Green On**” indicates power is on and normal.

**UPLINK:** “**Green / Yellow On**” indicates Ethernet Uplink port is in connection.  
“**Green Flashing**” indicates Ethernet Uplink data activities at 1000M.  
“**Yellow Flashing**” indicates Ethernet Uplink data activities at 100M.  
“**Flashing**” indicates Ethernet Uplink data activities at 10M.

**LAN:** “**Green / Yellow On**” indicates Ethernet Uplink port is in connection.  
“**Green Flashing**” indicates Ethernet Uplink data activities at 1000M.  
“**Yellow Flashing**” indicates Ethernet Uplink data activities at 100M.  
“**Flashing**” indicates Ethernet Uplink data activities at 10M.

**PoE:** “**Green On**” indicates Power over Ethernet function is enabled.  
“**OFF**” indicates the PoE is disabled, and it becomes a regular LAN port.

## 4. Technical Specifications

<b>Standards</b>	IEEE 802.3: 10 BASE-T IEEE 802.3u: 100 BASE-TX IEEE 802.3ab:1000 BASE-TX IEEE 802.3at/af: Power Over Ethernet
<b>Features</b>	MAC Address: 1K Buffer Memory: 104K bits Transmission Method: Store and Forward
<b>Filtering/Forwarding Rates</b>	1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseTX Cat.5E/6/7 UTP/STP
<b>Uplink Port</b>	1
<b>PoE Spec</b>	Supports up to 30 W for each PoE port PoE power budget : 62W PD classification identify PoE over current protection PoE circuit sorting protection PoE power on RJ-45 pin 1,2 for power + / pin 3,6 for power -
<b>LED Indicators</b>	Power, Uplink , LAN1~5 port , PoE 1~4 port
<b>Power</b>	100~240VAC/50~60Hz Internal Power Module
<b>Dimensions</b>	160 × 122 × 44 mm (L x W x H)
<b>Weight</b>	0.8 kg
<b>Operating Temperature</b>	0 to 40° C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC , CE