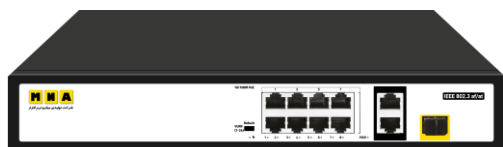


## 8 Port POE Switch



### Functions

- 8 POE Port 10/100Mbps
- 2 Port Uplink 1000Mbps
- 1 Port SFP 1000Mbps
- VLAN Support
- POE Support up to 150M
- 200 watt Power Supply
- 7.6Gb Bandwidth
- Fanless
- Support Watchdog Function

| MODEL | MNA-SW83G-PS |
|-------|--------------|
|-------|--------------|

### Interfaces

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| Total Port 27 Ports                        | Total Port 11 Ports (8 POE + 2 Uplink + 1* SFP ) |
| Max POE Output                             | Max POE Output up to 200Watt                     |
| POE Port Control Texas Instruments Chipset |                                                  |
| Gigabit RJ45 POE Port                      | 8 Port                                           |
| Gigabit RJ45 Uplink Port                   | 2                                                |
| Gigabit SFP Port                           | 1                                                |

### Network Performance

|                 |                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Standard        | IEEE802.3, IEEE802.3x, IEEE802.3u, IEEE802.3ab, IEEE802.3z<br>IEEE802.3af (15.4Watt), IEEE802.3at (Up to 30Watt)                          |
| Protocols       | CSMA/CD                                                                                                                                   |
| Speed & Cabling | 10Base-T: Cat3,4,5 or above UTP(≤150m)<br>100Base-TX: Cat5 or above UTP(≤150m)<br>100BASE-TX: Cat5 or more UTP (≤100 meter)               |
| Packet Buffer   | 1.5Mbit                                                                                                                                   |
| Jumbo Frame     | 9216bytes                                                                                                                                 |
| Transfer Mode   | Store and forward                                                                                                                         |
| Forwarding Rate | 6.035Mpps                                                                                                                                 |
| Bandwidth       | 7.6Gb Internal Bandwidth                                                                                                                  |
| MAC Address     | 2K                                                                                                                                        |
| Auto MDI-MDIX   | Yes All Ports                                                                                                                             |
| DIP Switch      | VLAN, Default and Extend<br>Etend mode: data transmission<br>distance can be extended to 150 meters; the transmission rate<br>becomes 10M |
| LED Indicators  | PWR (power supply) , SW (DIP) , 1-27 (Link&Data)                                                                                          |
| Optical Media   | Multimode fiber: 50/125、62.5/125、100/140um<br>Single mode fiber: 8/125、8.7/125、9/125、10/125um                                             |

### General

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Dimension          | 270*180*45mm                                                                                                       |
| Weight             | 1.1kg                                                                                                              |
| Storage Temp/RH    | -40°C ~ 85°C / 5% ~ 90%                                                                                            |
| Operation Temp/RH  | -10°C ~ 50°C / 10% ~ 90%                                                                                           |
| Power Voltage      | Input Voltage: AC 100-240 V<br>Output Voltage: 52V 2.3A                                                            |
| MTBF               | 100,000 hour                                                                                                       |
| Rackmount          | Support by bracket                                                                                                 |
| Industry Standards | EN55032, EN61000-4-2 (ESD), EN61000-4-4 (EFT), IEN61000-4-5 (Surge), IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6 |