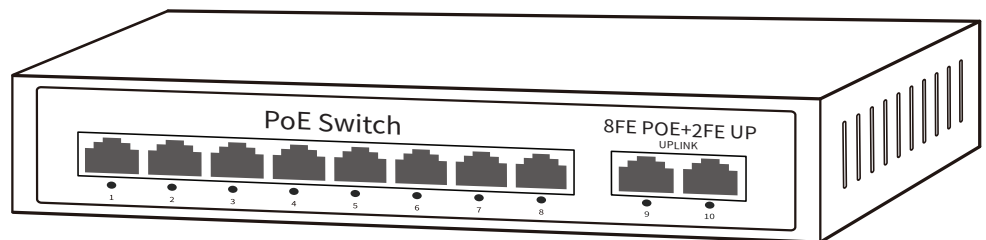




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**SX-POE-08F02F**

# PoE Switch Data-Sheet



# Description

This PoE Switch is quite easy to install and use.

It requires no configuration and installation.

With outstanding performance and quality,

this AI PoE Switch is a great selection for

expanding your home or workplace network.



## Features

- ◆ 8 \*10/100M PoE ports, 2\*10/100M uplink ports;
- ◆ Support IEEE802.3 af/at PoE protocol;
- ◆ Every PoE RJ45 port can supply maximum power output of 30W;
- ◆ Support one-key switch to VLAN mode and 250m long distance mode;
- ◆ Support 10/100Mbps auto-negotiate
- ◆ Support Half/Full duplex adaptive, and auto MDI/MDI-X function;
- ◆ All port support wire-speed forwarding;
- ◆ Support desktop and wall-mounted installation;
- ◆ Plug and Play, no configuration requirements;
- ◆ Extra option: 6KV commo mode/4KV differential mode surge protection;
- ◆ Extra option: AI network self-healing (watchdog) function.

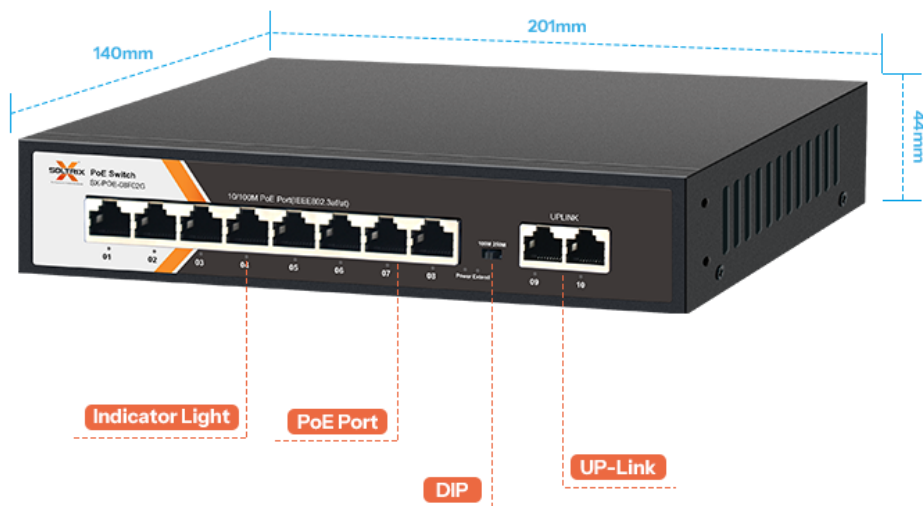
# Product Parameters

| Model                        | SX-POE-08F02F ( 100M 8FE+2FE 52V 96W IEC 4KV ) |                                                                                                                               |
|------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Protocol                     | Standard                                       | IEEE802.3 10Base-T<br>IEEE802.3u 100Base-TX<br>IEEE802.1W Spanning Tree<br>IEEE 802.3x flow control                           |
| Ethernet port Characteristic | Connector Type                                 | 1×8 RJ45, 1×2 RJ45                                                                                                            |
|                              | Transmission rate                              | 10/100Mbps auto-negotiate;                                                                                                    |
|                              | Transmission distance                          | 10Base-T: ≤250m (CAT3,4,5 UTP)<br>100Base-TX: ≤100m (CAT3,4,5 UTP)                                                            |
| Exchange performance         | Forward method                                 | Store-and-forward (full wire-speed)                                                                                           |
|                              | Transmission mode                              | Half/Full duplex adaptive                                                                                                     |
|                              | MAC address table                              | 2K                                                                                                                            |
|                              | Case space                                     | 768Kb                                                                                                                         |
|                              | Jumbo frames                                   | 2048b                                                                                                                         |
|                              | Packet Forwarding Rate                         | 1.488Mpps@64byte                                                                                                              |
|                              | Bandwidth                                      | 2G (non-blocking)                                                                                                             |
| LED indicator                | Power indicator                                | Green, PWR                                                                                                                    |
|                              | Ethernet indicator                             | Green, per ethernet port                                                                                                      |
|                              | DIP switch indicator                           | Green, extend mode.                                                                                                           |
| DIP switch                   | 100m                                           | Standard mode - All ports can communicate with each other.                                                                    |
|                              | 250m                                           | Extend mode, port 1-8 are isolated from each other, transmission distance can up to 250m, and can communicate with port 9-10. |
| Power parameters             | Input voltage                                  | AC100~240V, 50Hz                                                                                                              |
|                              | Power consumption                              | Standby: ≤3W; whole: ≤96W                                                                                                     |
|                              | PoE pin                                        | 1/2+,3/6-                                                                                                                     |
|                              | The port max rate                              | ≤25.4W                                                                                                                        |
| Environment                  | Operating Temperature                          | -20℃~60℃                                                                                                                      |
|                              | Storage Temperature:                           | -40℃~85℃                                                                                                                      |
|                              | Operating Humidity                             | 5%~95% non-condensing                                                                                                         |
|                              | Heat dissipation method                        | Natural heat dissipation                                                                                                      |
| Physical properties          | Size                                           | 201×140×44mm                                                                                                                  |
|                              | Weight                                         | Net weight:0.7kg,Gross weight: 0.9kg                                                                                          |

# Dimensions



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## Application

