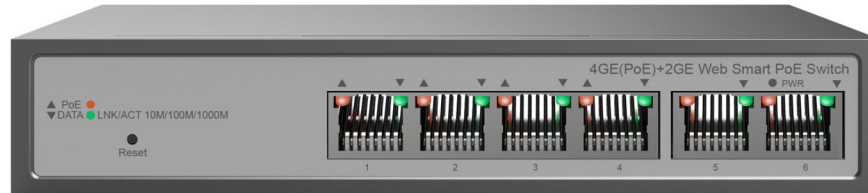


## **YDS-SW2G4F V2.2-093 4 Ports 100Mbps POE Network Switch For Smart Home**



### **Product Overview**

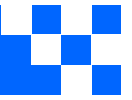
YDS-SW2G4F V2.2-093 is a Web Smart Managed Fast Ethernet PoE Switch independently developed by Todaair. It provides 4\*10/100Mbps adaptive RJ45 ports and 2\*1000Mbps Uplink ports. Each RJ45 port supports MDI/MDIX automatic rollover and wire-speed forwarding. Ports 1-4 have the PoE power supply function and comply with IEEE 802.3af/at standards. They can be used as Ethernet power supply devices to automatically detect and identify compliant power receiving devices and supply power to them through network cables. The storage and forwarding technology and dynamic memory allocation ensure that bandwidth is effectively allocated to each port.

YDS-SW2G4F V2.2-093 is easy to use and can flexibly expand home and office networks without limitation of power line layout. It is easy to manage and maintain and meets the requirements of different scenarios.

## **YDS-SW2G4F V2.2-093 4 Ports 100Mbps POE Network Switch For Smart Home**

### **Features**

- Supports IEEE 802.3af/at standard;
- Single PSE port output power up to 30W;
- Automatic detection and identification standard PoE power receiving devices, intelligent power supply, does not burn non-standard PoE power receiving devices or common devices;
- Port power supply priority is supported to ensure continuous power supply for key nodes on the network;
- Supports IEEE802.3x full-duplex flow control and back-pressure half-duplex flow control;
- Supports 802.1Q VLAN, Port VLAN, QoS, bandwidth control, and storm suppression;
- Supports port traffic statistics, port monitoring, cable detection, and loopback protection;
- Panel indicators monitor working status and assist in fault analysis;
- Intelligent identification of wire speed forwarding;
- Data exchange adopts store-and-forward mode.
- Operating temperature: 0°C ~ 40 °C;
- Supports the PD-ALIVE function(Optional);
- Main-board, Power supply, PoE (three in one PCBA).



## YDS-SW2G4F V2.2-093 4 Ports 100Mbps POE Network Switch For Smart Home

### Product Specification

<b>Model</b>	YDS-SW2G4F V2.2-093
<b>Interface</b>	4*10/100Mbps RJ45 Ports (PoE)
	2*10/100/1000 Mbps Uplink Ports
<b>Standard</b>	IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE 802.1X、IEEE 802.1q、IEEE 802.1p、IEEE 802.1d、IEEE 802.1w、IEEE 802.3ad、IEEE802.3af、IEEE802.3at
<b>PoE Standard</b>	IEEE802.3af/at
<b>PoE Port</b>	Port 1~4
<b>PoE Single Port Output</b>	30W MAX.
<b>Input Voltage</b>	AC :100-240V 50/60Hz
<b>PoE Total Power</b>	60W
<b>Power Total Power</b>	65W
<b>RJ45 PoE Power Supply</b>	Mode A 1/2 (+) 3/6 (-)
<b>Transfer Mode</b>	Store-and-forward
<b>Switching Capacity</b>	1Gbps
<b>MAC Address Table</b>	2K, Auto-learning, Auto-aging
<b>Jumbo Frame</b>	2048Byte
<b>Packet Buffer</b>	768Kbit
<b>Packet Forward Speed</b>	0.744Mpps
<b>Operating Temperature</b>	0°C~40°C
<b>Storage Temperature</b>	-40°C~70°C



## YDS-SW2G4F V2.2-093 4 Ports 100Mbps POE Network Switch For Smart Home

### Product Specification

<b>Operating Humidity</b>	10% ~ 90% RH (non-condensed)
<b>Storage Humidity</b>	5% ~ 90% RH (non-condensed)
<b>Dimensions (L*W*H)</b>	168*86*32mm
<b>Fan Quantity</b>	No Fan
<b>Overall Weight</b>	0.75KG
<b>Network Media (Cable)</b>	10BASE-T: UTP category 3、4、5 cable (≤100m)
	100BASE-TX: UTP category 5,5e cable (≤100m)
<b>Surge Protection</b>	Differential mode ±2KV , Common mode ±4KV
<b>MTBF</b>	>50000 hour
<b>Electrostatic Standard</b>	Contact ±6KV , Air ±8KV

### Software Specification

Function Menu	Functional Description	Added
<b>Basic</b>	Login Authentication and Logout	
	Bilingual (Chinese-English Switching)	
	Port Panel (Dual Color Rate Differentiator)	1000M Green 100M / 10M Orange Yellow
<b>System Configuration</b>	Equipment Information	Device Name
		Device Contact
		Location of Equipment
	IP Address Setting	Static
		DHCP Client
		Support the DNS
Web Configuration	Web Timeout Setting	



## YDS-SW2G4F V2.2-093 4 Ports 100Mbps POE Network Switch For Smart Home

### Software Specification

<b>System Configuration</b>	User Management	The password must contain at least six letters and digits
	The Firmware Update	Local Upgrade
	Equipment Management	Equipment to Restart
		Save Settings
Factory Data Reset		
<b>Monitoring Management</b>	The Port Statistical	
	Cable Testing	
	Ring Network Configuration	rpp
<b>Switch Configuration</b>	Port Configuration	Status
		Speed/Duplex/Flow Control
	Port Mirror	Entrance/Exit /ALL
	Port Isolation	
	Static MAC	
	MAC Filtering	
	MAC Query	
MAC List	Categories Display Static/Dynamic	
<b>VLAN Configuration</b>	Member of the VLAN	
	VLAN Configuration	Access、Trunk
<b>QOS Configuration</b>	Port Speed Limit	
	The Broadcast Storm	
<b>PoE Configuration</b>	The Basic Configuration	Enable/Disable Power Supply
		Mandatory Power Supply
		Power Limit
	PD Alive	
	MCU Upgrade	