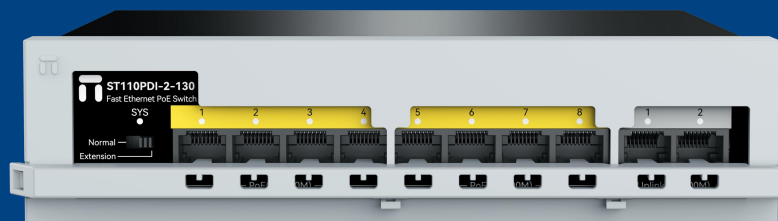# ST110PDI-2-130

8x100Mbps POE ports
and 2x100Mbps uplink ports Switch

OVERVIEW:

The ST110PDI-2-130 provides 2x100Mbps uplink ports and 8x100Mbps POE ports with power delivery capabilities.The POE port can automatically detect and identify powered devices that comply with the IEEE 802.3af/at standard and provide power through the network cable.
Industrial-grade full steel enclosure design provides robust heat dissipation, ensuring more stable switch operation. It is easy to manage and maintain, meeting users' requirements for easy management, high security, and cost-effective networking. It is suitable for various application scenarios such as campuses, hotels, and enterprise campuses.

KEY FEATURES:

- Ports: 8x10/100Mbps adaptive POE ports and 2x10/100Mbps adaptive LAN ports.
- Protocols: Complies with IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards.
- POE Standards: Supports IEEE 802.3af/at standards,compatible with powered devices (PD) that meet IEEE 802.3af/at.
- Auto MDI/MDI-X: All ports support auto MDI/MDI-X function.
- Flow Control: Supports IEEE 802.3X full-duplex flow control and Backpressure half-duplex flow control.
- Forwarding: All ports support line-speed forwarding.
- MAC Learning: Supports automatic MAC address learning and aging.
- DIP Switch: Normal mode/Cable Extension mode.
- Power: Built-in 130W power supply.

SPECIFICATION：

LED Indicators	
Power Indicator	Lights up when the device is powered on.
Port Indicator (Link/ACT)	Lights up when the port link is normal; Flashes when data is being transferred
HARDWARE	

Switch Ports	Normal mode/Cable Extension mode
Ports	8x100Mbps POE ports + 2x100Mbps uplink ports
Backplane Bandwidth	2Gbps
MAC Address Table	2K
Input Power	100-240V~ 50/60Hz
Power Supply	130W
Maximum POE Output Power	120W
Network Media & Transmission Distance	• 100Base-TX: 2 pairs of Category 5 (Cat5) or higher UTP/STP cables (≤100m) • 10Base-TX: 2 pairs of Category 6 (Cat6) or higher UTP/STP cables (≤250m)

Software

Basic Functions	• Complies with IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards • Compatible with IEEE 802.3af/at compliant powered devices (PD) • Compatible with certified non-standard powered devices (PD) • Supports store-and-forward switching • Supports full power output • Supports automatic MAC address learning and aging • Extended cable transmission,supports long-distance monitoring power supply • Supports IEEE 802.3X full-duplex flow control and Backpressure half-duplex flow control
Ethernet Protocols and Standards	• IEEE 802.3 Ethernet Media Access Control (MAC) protocol • IEEE 802.3i 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3af Power over Ethernet (POE) • IEEE 802.3at High Power over Ethernet (POE) • IEEE 802.3x Flow Control
Data Transfer Rates	10/100Mbps support for both full-duplex and half-duplex modes

Environmental Requirements

Temperature	• Operating Temperature:0℃ ~ 40℃ • Storage Temperature:-40℃ ~ 70℃
Humidity	• Operating Humidity:10% ~ 90% RH(non-condensing) • Storage Humidity:5% ~ 90%

	RH(non-condensing)
Altitude	• Operating: Max 6500 feet (2000 meters) • Storage: Max 6500 feet (2000 meters)

Lightning Surge Protection

Differential Mode	2KV
Common Mode	4KV

Physical Dimensions

Dimensions (W x D x H)	190mmx140mmx43mm(7.48*5.51*1.69 in)

Others

Stacking Limit	Maximum of 4 layers when fully packaged
Humidity	5%～90% RH(non-condensing)
Storage Temperature	-40℃ ~ 70℃,with the most suitable storage condition being room temperature considering humidity
Storage Precautions	Store in a clean,ventilated environment free from corrosive gases,flammable,explosive,and other hazardous chemicals.Keep away from heat sources and sources of strong mechanical vibration
Storage Period	Under the above conditions,the product can be stored for one year.It is recommended to re-inspect and test the product after two years before use