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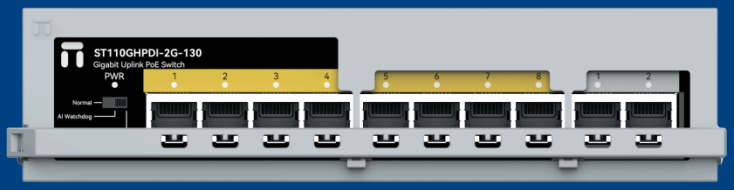
ST110GHPDI-2G-130

8x100Mbps PoE ports
and 2x1000Mbps uplink ports



OVERVIEW:

The ST110GHPDI-2G-130 is a gigabit uplink unmanaged POE switch. With high performance switching engine and large capacity cache, it can realize the video stream transmission without holding.It supports the IEEE 802.3af/at PoE power supply standard, capable of providing a stable power supply for devices such as wireless access points (APs) and security cameras, ensuring uninterrupted operation of wireless coverage and monitoring systems.The all-metal fanless design provides efficient surface heat dissipation. The product is suitable for home,villa, office, small and medium-sized enterprises,small business and other scenarios.

KEY FEATURES:

- Ports: 8*10/100 Mbps adaptive POE ports and 2*10/100/1000 Mbps Uplink ports .
- 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.
- Power: Built-in 130W power supply.
- Dip Switch Settings:

1) Normal : This is the default mode.
2) AI Watchdog: When the PoE port has the watchdog function enabled, it will automatically restart if a PoE device connected to the port experiences an abnormality.
3) Extension: For transmission distances of up to 250 meters, the power supply port will reduce speed to 10Mbps (the actual transmission distance is related to the connected terminal, type and condition of the Ethernet cable, and it is recommended to use Category 6 cable for optimal performance).

SPECIFICATION:

LED Indicators		
Power Indicator	On	The switch is powered on.
	Off	The switch is powered off.
POE / Uplink Indicator (Link/ACT)	On	The corresponding port is connected to a network device but no activity
	Flashing	Data is transmitting through the corresponding port.
	Off	No device is connected to the corresponding port.
HARDWARE		
Chipset	2*AN8855M +TMI7608R	
Button	1* Dip Switch	
Ports	8*100Mbps POE ports 2*1000Mbps uplink ports	
Backplane Bandwidth	5.6 Gbps	
MAC Address	4K	

Table	
Input Power	100-240V~ 50/60Hz
Power Supply	130W
Maximum POE Output Power	120W

Network Media & Transmission Distance	1000BASE-T: UTP category 5, 5e, 6 or above cable (≤ 100m) 100Base-TX: UTP category 5, 5e, 6 Category 5 (Cat5) or higher UTP/STP cables (≤100m) 10Base-TX: UTP category Category 6 (Cat6) or higher UTP/STP cables (≤250m) Tips：The actual transmission distance is related to the connected terminal/network cable type and condition; it is recommended to use Category 6 cable preferentially.
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 10BASE-T Ethernet • IEEE 802.3i 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3af/at, Power over Ethernet • IEEE 802.3x Flow Control
Data Transfer Rate	POE port :10/100M full-duplex/ half-duplex modes Uplink port : 10/100M full-duplex/ half-duplex modes 1000M full-duplex mode
Environmental Requirements	
Temperature	• Operating Temperature:0℃ ~ 40℃(32 °F ~104°F) • Storage Temperature:-40℃ ~ 70℃(-40 °F ~158°F)
Humidity	• Operating Humidity:10% ~ 90% RH(non-condensing) • Storage Humidity:5% ~ 90% RH(non-condensing)
Lightning Surge Protection	
Differential Mode	2KV
Common Mode	4KV
Physical Dimensions	
Dimensions (W x D x H)	186mm*150mm*43mm(7.32*5.91*1.69 in)
Others	

Stacking Limit	Maximum of 4 layers when fully packaged
Humidity	5%～90% RH(non-condensing)
Storage Temperature	-40℃ ~ 70℃(-40°F ~158°F),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