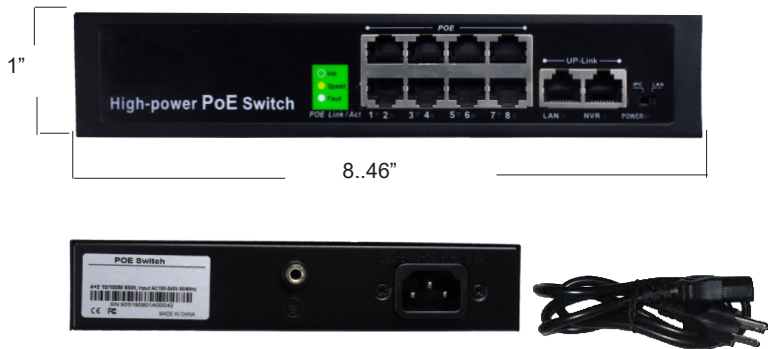## 8 PORT 100M PoE ETHERNET SWITCH with PORT PROTECTION

1"

8..46"

The Cortex 8-port PoE switch provides seamless integration of Power over Ethernet (PoE) functionality, allowing you to conveniently power and transmit data to compatible devices over a single Ethernet cable. This eliminates the need for additional power outlets and simplifies cable management, making it ideal for IP cameras, VoIP phones, wireless access points, and other PoE-enabled devices.

The unit is fully integrated with security monitoring features that ensure a high level of performance. The product's uplink gigabit transfer rates assure crisp visuals and smooth transmission while delivering fast packet-forwarding functionality. Allow enough bandwidth for continuous high-definition video streams.

The Intelligent power management activates when electrical equipment power exceeds the normal power output; the system will cut off the power supply of the ports after 1-2 minutes and will reexamine the individual ports before resupply.

KEY FEATURES

- Data store and forwarding
- Support for port forwarding isolation
- 10 10 /100M adaptive RJ45 port, 8 port with PoE
- Supports two uplink ports with indicators
- Low power consumption, no fan design
- Full-Duplex or Half-Duplex adaptive
- Supports IEEE803.3.af/af standards
- Can provides 15.4W / 30W per port
- Automatic detection of device PoE switch

The PoE switch supports the IEEEE802.3af / at PoE standard and uses an advanced sensing algorithm, so only terminal devices that accept the IEEEE802.3af / at PoE standard need to be wary of harm to private standard PoE or non-PoE devices. Automatic recognition of PoE demand, speed, duplex, and usage of the Auto Uplink cable, easy and convenient to use, plug and play.

PoE switches are needed in a distributed data architecture to simplify deploying IP-based network cameras, NVRs, and wireless access points (APs). These devices are often hung from the ceiling or the wall with no power outlets available. Hardware power outlets are unnecessary when deploying PoE. The connection from the Cortex PoE Switch is more flexible, the wiring is simpler, flexible, and extendable, and the power wiring layout restrictions in the home and office network are eliminated.

COR-POE8

SPECIFICATIONS	
PORT AND PERFORMANCE *	
Port :/ POE port number:	10 / 9
Port type:	RJ45 adaptive
Port Rate::	10/ 100M
Cable type	CAT5 or better
Protocol standard	IEEE 802.3i 10 BASE T: IEEE 802.3u 10 BASE-TX: IEEE 802.3 x Flow Control: IEEE 802.3 af/at Power over Ethernet
Data:	Store and forwarding
Backplane bandwidth	1.8G
Transfer mode:	Full-Duplex or Half-Duplex adaptive
Addressing:	48-bit MAC address
Network delay	100Mbps to 100 Mbps, less than 20 ms under 6-4byte frame
LED indicators for ports:	ACT. LINK indicator
LED indicators for devices	Power and PoE indicator
Port protection:	Meets IEC61000-4-2 (ESD) plus or minus 15KV (air) plus or minus 8KV (contact) and can withstand energy of 8/20us 24A (12A)

POE *	
PoE support	IEEEE802.3af / at (15.4W / 30W)
PoE power supply parameter single port	No PD is connected, or power forwarding failed
MAX power	125 W Serials
Power supply mode data line	1/2 (+). 3/6 (-): spare line 4/5 (+). 7/8 (-) optional
Power supply distance	Maximum power distance with CAT5 UTP; 100 meters
POWER*	
Power supply	External
Voltage rate	DC48V / 4.16A
ENVIRONMENT *	
Authentication	CE / LVD
Working Temperature	0°C ~ 55°C / 32°F ~ 131°F
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
Humidity Non Condensing	10% ~ 90%
MECHANICAL *	
Dimensions L* W* H	280mm x 180mm x 44mm 11.2" x 7.0 " x 1.7" (linches)
Color	Black