

4 Port 1000M PoE Switch With IP66 Waterproof

3*GE RJ45 PoE Switch+1*GE RJ45 Port

EWIND



- Managed 3*1000M RJ45 Port PoE Switch+1*1000M RJ45 LAN port,1-3 ports support af/at;
- Input: 1* DC connector + 1*1000M LAN data port
- Output: 3*1000M RJ45 POE port;
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- Switching capacity: 128Gbps, MAC table: 8K;
- 3 years warranty.

RoHS **FC** **CE**

Introduction

The EW-IP8904CG-3GE is an outdoor rated switch special designed for exterior, complex backhaul and networking applications, enclosed in an IP66 Reflective Aluminum alloy case with a sealing that gasket

Passes tension, bearing, corrosion and test, pass salt spary resistance test.

There are 1 LAN port and 3 POE output ports with 6kv surge protections, each POE output port provides 30W(MAX) power for remote PDs at 10/100/1000Mbps of datasheet speed.

TECHNICAL SPECIFICATION

Model	EW-IP8904CG-3GE
Fixed Port	3*10/100/1000M Base-TX PoE ports (Data/Power) 1*10/100/1000M Base-T Uplink RJ45 ports (Data) 1 * RS232 console port (115200, N,8,1) 1*DC input
POE Port	Port 1-3 support PoE

Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	128Gbps (Non-blocking)
Forwarding Rate@64 byte	8.93Mpps
MAC	8K
Buffer Memory	4M
Twisted Pair Transmission	10BASE-T:Cat5 UTP(≤250 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-TX:Cat5 or later UTP(≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-); Optional 4/5(+), 7/8(-)
MAX / AVERAGE Power Per Port	30W/15.4W
Operation TEMP / Humidity	-20~+55°C:5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing
Dimension	240*177*53mm
Net /Gross Weight	1.8kg
Installation Method	desktop type ,wall mounted
Port lightning protection / level	Port lightning protection : 4KV 8/20us; Protection level: IP66
Certification	CCC;CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS

Business features (only restricted management function models)

Port	Support IEEE802.3x flow control (full duplex) Support for broadcast storm suppression based on port rate support speed limit for incoming and offline message traffic, with a minimum particle size of 64Kbps. Support port temperature protection settings Support port EEE green Ethernet energy saving configuration
PoE Management	Support total power limit configuration for POE power supply Support PoE output power allocation per port, close / start af/at Support PoE output priority configuration per port Support PoE work status per port display Support power delay start Support PoE work and time scheduling
Layer 3 Function	L2+ network management function Support IPV4/IPV6 management Support layer3 soft routing (weak three tier) forwarding, Support different network segments, communication between different VLAN Support static routing / default routing 128, 1024 ARP software forwarding
VLAN	Support port based VLAN (4K), IEEE802.1q Support protocol based VLAN Support Voice VLAN Support for MAC address-based VLANs Support Access, Trunk, Hybrid three types of port configuration Support QinQ configuration
Port Aggregation	Support LACP Support static polymerization Support the largest 8 aggregation groups, each aggregation group supports 8 ports.
Spanning Tree	Support STP (IEEE802.1d) Support STPRSTP (IEEE802.1w) Support STP MSTP (IEEE802.1s)
Industrial Ring Network Protocol	Support G.8032 (ERPS), support 255 loops at most, and supports 1024 devices per ring. The self-healing time of the ring network is less than 20ms
Multicast	Support IGMP Snooping V1/V2 and support 1024 multicast groups at most. Support the user's quick departure mechanism Support MLD Snooping V1/V2 Support multicast VLAN
Mirror	Bi-directional traffic mirroring supporting the basic port

QoS	- Support Diff-Serv QoS - Each port supports 8 output queues - Support 802.1p/DSCP priority mapping - Support queue scheduling mechanism (SP, WRR, SP+WRR) - Support priority tag Mark/Remark - Support stream-based packet filtering - Support for stream-based redirection - Support flow-based speed limit
ACL	- Support L2 to L4 packet filtering function, can match the first 80 bytes of the message, provide based on the source MAC address, destination MAC address, source IP address, destination IP address, IP protocol type, TCP/UDP port, TCP/UDP port range, VLAN and other definition ACL. - Support ACL based on port and VLAN
Safety Characteristics	- Support user grading management and password protection - Support IEEE802.1X authentication / centralized MAC address authentication - Support AAA&RADIUS authentication - Support the number of MAC address learning restrictions - Support MAC address black hole - Support SSH 2.0 to provide secure passwords for user login. - Support SSL to ensure data transmission security - Support port isolation - Support the speed limit function of ARP message - Support IP source address protection - Support ARP intrusion detection function - Support against DoS attacks - Support port broadcast message suppression - Support host data backup mechanism - Binding capabilities of IP+MAC+VLAN+ ports
DHCP	- Support DHCP Client - Support DHCP Snooping - Support DHCP Serve - Support DHCP Relay

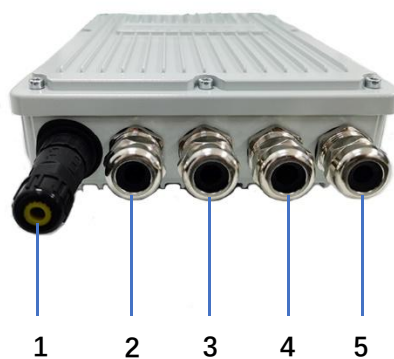
Management and Maintenance	Support Console/AUX Modem/Telnet/SSH2.0 CLI command line configuration Support WEB network management (HTTPS) Support FTP, TFTP, Xmodem, SFTP file download management Support SNMP V1/V2C/V3 Support one bond reduction Support NTP clock Support system work log Support Ping detection Support cable state detection Support CPU instant utilization status view Support link layer discovery protocol LLDP Support EWIND NMS intelligent management center
System Requirements	Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42 or higher, Microsoft Internet Explorer10 or later; Cat5e or later Ethernet cable; TCP/ IP, network adapter and network operating system (Microsoft Windows, Linux, or Mac OS X) installed on on every computer in the network.

Product Dimension



Front view

- 1. DC Power Input port
- 2. Data & Power Output port
- 3. Data & Power Output port



Bottom view

- 4: Data & Power Output port
- 5: LAN: Data input port
- 6: Mounting Hole



Top view



Back view



Left view



Right view

PACKING LIST

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