

# Surveillance Box



SW-MNG-8GE2GSFP-8POE-IND-WP



## FEATURES

AC220V mains power input, 200W DC52V power module inside.

With 8\*10/100/1000M PoE downlink ports and 2\*1000M SFP uplink ports, with L2 network management.

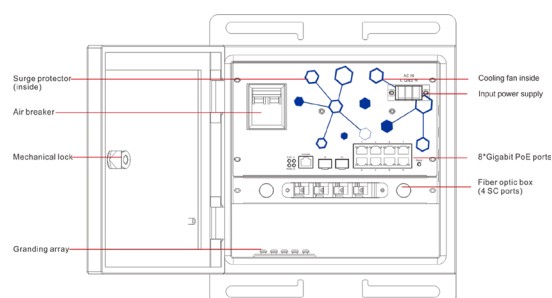
Supports 8 port PoE power reach up to 30W.

Supports L2 management, such as QoS, VLAN, MSTP, Multi-broadcast, ports management and PoE management

6KV surge protection, 6KV contact / 8KV air ESD protection.

The box adopts waterproof (protection level IP55), anti-rust treatment, suitable for long-time outdoor use.

## PANEL DIAGRAM



## TECHNICAL SPECIFICATION

Model No.	SW-MNG-8GE2GSFP-8POE-IND-WP
Power Input	AC 100-240V, 50/60Hz
Consumption	Self-consumption<15W, PoE output 185W max
Downlink ports	1~8 ports: 10/100/1000Base-T 30W PoE RJ45(IEEE802.3af/at)
Reset key	Short press restart, >5s press recovery to default
Cable and distance	Use cat5e/6, 100m max.
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	20Gbps
Through put	14.88Mpps
Buffer	1M
MAC address table	8K
Indicator	Power: 1 *red ; Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE Uplink9, 10: On RJ45 green LEDs indicate Link/Act
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2
SPD	AC lightning arrester, 385v AC@20KA , 2p, - 40 ~ 70 °C, lower incoming line, dxh06-fcs / 2r40
Working temperature	-20°C~65°C
Storage temperature	-40°C~85°C
Humidity	0~95%(No condensation)
Dimension(L×W×H)	280mm×200mm×260mm
Material	Metal
Colour	White
Net-weight	8KG

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### L2 Features

Port configuration	Auto-negotiation Flow Control Port Mirror Traffic statistics
Link Aggregation	LACP Algorithm based on Source/Destination MAC Algorithm based on Source/Destination IP 8 groups 8 ports per group
MAC Table	Aging Time Static MAC address Dynamic MAC address management
VLAN	4K Active VLANs 4K VID 802.1Q Tag VLAN Port VLAN Protocol VLAN MAC VLAN Management VLAN Voice VLAN Q-in-Q Private VLAN GARP/GVRP
ACL	64 ACLs L2, L3 e L4 Time-based ACL
Spanning tree	802.1D Spanning Tree Protocol (STP) 802.1w Rapid Spanning Tree Protocol (RSTP) 802.1s Multiple Spanning Tree Protocol (MSTP) Loop Guard Root Guard TC-BPDU Guard BPDU Guard BPDU Filter
Multicast	256 groups IGMP v1/v2/v3 Fast Leave Multicast VLAN Static Multicast Multicast Filter IGMP Statistics MLD Snooping
QOS	4 priority queues CoS port-based CoS 802.1p-based CoS DSCP-based Scheduling algorithms SP, WRR, SP+WRR Storm Control (Broadcast, Multicast, Unknown Unicast) Bandwidth control per port
PoE management	Support total power consumption control Support single port PoE ON/OFF Support port output priority

### Security Features

Port Security  
 MAC address filter  
 ARP Association (Manual, ARP scanning, DHCP snooping) up to 200 entries  
 ARP Protection  
 DoS (Denial of Service)  
 Classification of packages based on: End.MAC, IP End, TCP / UDP Ports, Protocol Type  
 802.1x Authentication (port-based e MAC-based)  
 TACACS/TACACS+ Authentication  
 RADIUS Authentication  
 DHCP Filter  
 Guest VLAN  
 SSLv2/SSLv3/TLSv1  
 SSHv1/SSHv2  
 Restriction of WEB access based on: IP Address, And. MAC and Port  
 Port Isolation  
 Local User Name Password Authentication (2 levels)  
 Loopback detection

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Management	SNMP v1/v2c/v3 RMON 4 grupos WEB (HTTP/HTTPS) CLI (Telnet, Console, SSHv1/v2) Firmware upgrade via console/web/TFTP Configuration Backup/Reload All possible configurations in the CLI must exist in the WEB interface LLDP
Other Features	LLDP DHCP Relay DHCP Client DHCP Snooping DHCP Option 82 SNTP Client BOOTP Client
Maintenance	Ping and Tracert System log (Local and Remote) Memory and CPU Monitoring

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