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.
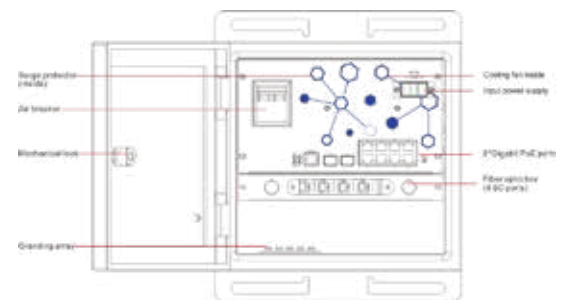
Supports 8 port PoE power reach up to 30W.

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, IEEE802.3x, IEEE802.3ab, IEEE802.3z, IEEE802.3ad, IEEE802.3az, IEEE802.1q, IEEE802.1p, IEEE802.1s, IEEE802.1d, IEEE802.1w, IEEE802.1x, IEEE802.1ad, IEEE802.1ab, IEEE802.3ae
Switch fabric	20Gbps
Though 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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■ SOFTWARE SPECIFICATION

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 Autentication 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

■ SOFTWARE SPECIFICATION

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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