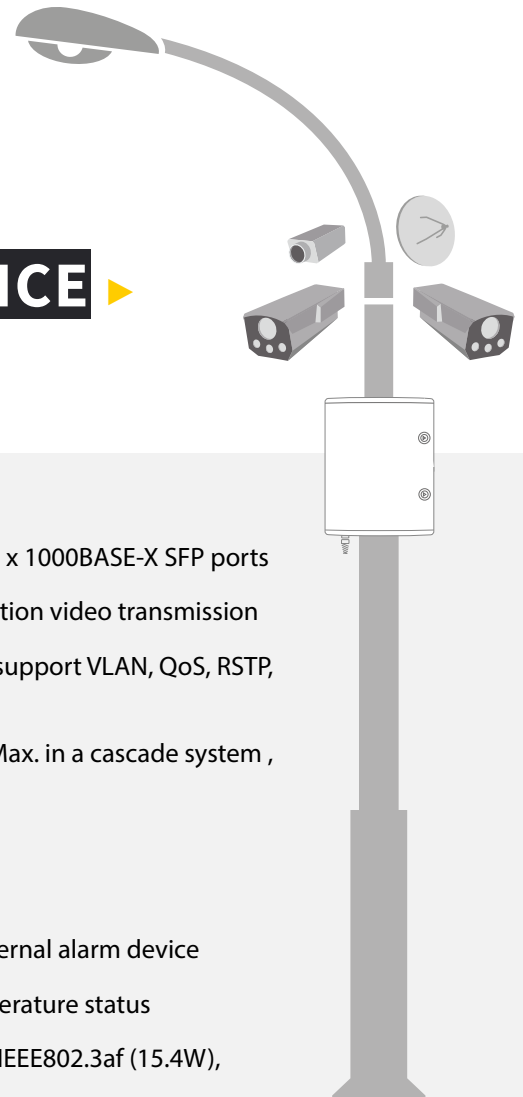


flexibility, power
and control you need
suitable for

VIDEO SURVEILLANCE & WISP



► MAIN FEATURES

5 or 8 x 10/100/1000Base-T RJ45 ports, 1 or 4 x 1000BASE-X SFP ports

Buffer reaches 4Mbit, Support 4K high-definition video transmission

Support Web-based network management, support VLAN, QoS, RSTP, SNMP etc. network function

Support Fast Ring ,support 30 pcs switches Max. in a cascade system , Self-healing in 20ms Min

Industrial Level 4 protection (ESD,RS,EFT,CS);

-40C +80C working temperature

Alarm input and output port for connect external alarm device

Support Temperature Sensor to detect Temperature status

Concurrently 24V (passive PoE) and 48V PoE IEEE802.3af (15.4W), IEEE802.3at (30W), IEEE802.3bt (60W)

Hardware Features



Model	TW-SB5-POE	TW-SB8-POE
Interface	5 x 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 1 x 1000Mbps SFP Slots 1 x Console Port 1 x Alarm Input 1 x Alarm Output 1 x Temperature Sensor Port	8 x 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 x 1000Mbps SFP Slots 1 x Console Port 1 x Alarm Input 1 x Alarm Output 1 x Temperature Sensor Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)	
Fan	Fanless	
Surge Immunity	8KV Per: IEC61000-4-5	
ESD Protection	ESD Level 4 Per: IEC61000-4-2 RS Level 4 Per: IEC61000-4-3 EFT Level 4 Per: IEC61000-4-4 CS Level 4 Per: IEC61000-4-6	
External Power Supply	DC 37-57V 8A Max for PoE POE IN 802.3bt type3 /type 4	DC 37-57V 8A Max for PoE
PoE Ports (RJ45)	P1- P2 Standard: 802.3af/at and 24V Passive PoE compliant; P3- P4 Standard: 802.3af/at/bt compliant	P1- P2 Standard: 802.3af/at and 24V Passive PoE compliant; P3- P4 Standard: 802.3bt compliant; P5- P8 Standard: 802.3af/at/bt compliant
Power Budget (max)	225W	384W
Exchange Capacity	12G	24G
Packet Forwarding Rate	18 Mpps	
Mac Address Table	4K	
Packet Buffer Memory	8.7 Mb	4 Mb
Jumbo Frame	10240 Bytes	
Dimensions (L*W*H)	145mm× 125mm× 40mm	200mm× 140mm× 50mm

Software Features

Quality Service	Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting
L2 Features	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree STP/RSTP/MSTP Port isolation BPDU filtering/guard TC/Root protect Loop back detection 802.3x Flow Control
VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration
Access Control List	L2-L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID; Time Range Based
Security	IP-MAC-Port-VID Binding IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN DoS Defence Dynamic ARP inspection (DAI) SSH v1/v2 SSL v2/v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
Management	Web-based GUI and CLI management SNMP v1/v2c/v3, compatible with public MIBs DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 CPU Monitoring Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web System Diagnose: VCT SYSLOG & Public MIBS

Others

Certification	CE, FCC, RoHS
Package Contents	POE Switch Temperature Sensor Screw Driver Guide Book/Warranty Card
Environment	Working Temperature: -40 +80C Storage temperature: -40 +90C Working Humidity: 10% - 90% RH non-condensing Storage Humidity: 5%-95% RH non-condensing
DIN Clip	included

