



KSH-CL2P8G-IND

Industrial Management Gigabit POE Manager

4 10/100/1000M RJ45 port + 2 1000M SFP



/ Hardware

8 10/100/1000M RJ45 port + 4 1000M SFP

/ Hardware Feature

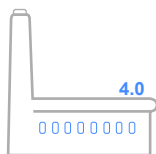
Adopt fanless cooling circuit design, suitable for the condition of no AC power supply, support dual DC power supply

// Network Management Function

RUN-Ring (self-healing time<10ms) RSTP/VLAN/QoS port aggregation/Switching/security management features

/ Application Field

Suitable for video surveillance/intelligent transportation/severe industrial environment



Industrial Grade

- Suitable harsh environment -40~75
- Low power consumption design
- seismic rail installation



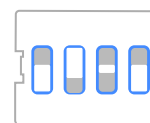
Lightning Protection Anti-Static

- Lightning protection 6000
- Anti-static 8KV/ 15KV



Multiple Protection Mechanisms

- Packet filtering/ARP protection
- IP source protection
- DOS protection



Quick Working Mode

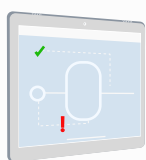
- AI POE/EXTEND VLAN/LOOP PROTECT

Product Perspective



Port	8 10/100/1000M RJ45 port + 4 1000M SFP 4 1000M SFP ports			Input power: 48-56V DC	
Power Supply	8 10/100/1000Mbps RJ45 ports support 802.3af/at POE power supply The maximum power supply of the whole machine 240W Maximum power supply per port 46W			Specifications Shell: IP40 grade protection, corrugated high-strength metal Installation: DIN rail installation ° Size: 163mm*46.5mm*110mm Weight: 1kg	
Performance Specification	Forwarding mode: store and forward Backplane bandwidth: 24Gbps Packet forwarding rate: 17.8Mpps Support 8K MAC address table depth			ESD Contact: $\pm 8KV$ Air: $\pm 15KV$	
Standard	IEEE 802.3: Ethernet Media Access Control (MAC) protocol			Lightning Protection Network port: $\pm 6KV$ Power port: $\pm 4KV$	
	IEEE 802.3i: 10 BASE-T Ethernet			No Failure 360,000 hr	
	IEEE 802.3u: 100 BASE-TX Fast Ethernet			Chip Broadcom high-performance chip RAM: 64MB DDR FLASH: 16MB	
	IEEE 802.3ab: 1000 BASE-T Gigabit Ethernet			EMI: FCC CFR47 Part 15 EN55022 / CISPR22, Class A	
	IEEE 802.3z: 1000 BASE-X Gigabit Ethernet (optical fiber)			EMS: IEC 61000-4-2 (ESD): $\pm 8kv$ (contact) $\pm 15kv$ (air)	
	IEEE 802.3ad: Standard method for performing link aggregation			IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)	
LED Indicator	IEEE 802.3x: flow control			IEC61000-4-4 (EFT): Power Port: $\pm 4kV$; DataPort: $\pm 2kV$	
	IEEE 802.1p: LAN Layer 2 QoS/Cos protocol (multicast filtering) on traffic priority			IEC61000-4-5 (Surge): Power Port: $\pm 2kV/DM$ $\pm 4kV/CM$ Data Port: $\pm 6kV$	
	IEEE 802.1q: VLAN bridge operation IEEE 802.1d: STP spanning tree			IEC61000-4-6 (CS): 3V(10kHz); 10V(150kHz-80MHz)	
	IEEE 802.1s: MSTP spanning tree IEEE 802.1w: RSTP spanning tree			IEC60068-2-6(Vibration)	
				IEC60068-2-27(Shock)	
Working Environment	Working / storage temperature : - 40 ° 75°C Relative humidity : 5%-95%, no condensation			Safety Regulations CE/ROHS/FCC	
				Warranty Switch 3 years, Total Maintenance	

LINK OBJECT



SCREEN



DOOR CONTROL



PLC



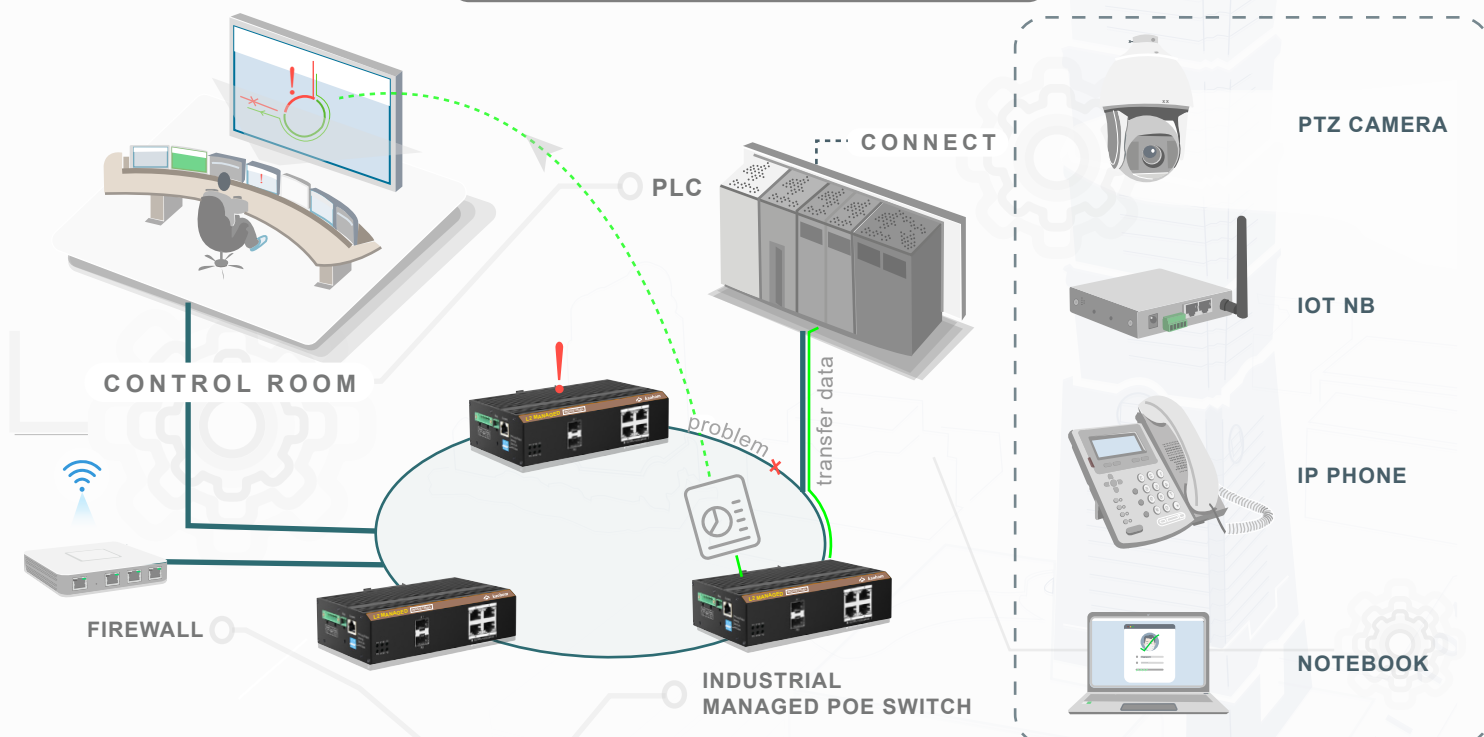
SERVER(for L3)



IOT NB

PASS THROUGH
POWERED SWITCH

SYSTEM ARCHITECTURE DIAGRAM



'BRAND' IS A PRODUCT, BUT THE CONTROL OF EACH PRODUCT IS A 'BRAND'