



KSH-224G-4SR

L2 Full Gigabit Network Management
PoE Fiber Switch

24+2 10/100Mbps 250M

/ Hardware

24 10/100/1000M adaptive RJ45PoE+4 100M/1000M
SFP optical port slots (including 2 multiplexing holes)

/ Application Field

Hotel/campus/factory dormitory large, medium and
small enterprises form a cost-effective network

/ Network Management

PoE power supply management/port flow control/V-
LAN division IGMP/QoS, etc

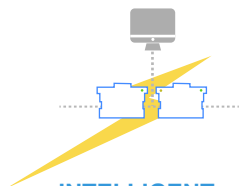
/ Redundant Protocol

STP/ERPS improves link equipment and network
reliability. When a one-way network fails,communi-
cation can be quickly restored without interruption



UCP PACKET OPTIMIZATION

- Full duplex flow control
- Backpressure Half-duplex flow control



INTELLIGENT POWER SUPPLY

- Priority setting
- Port power status view
- Time scheduling



POWERFUL PROCESSOR

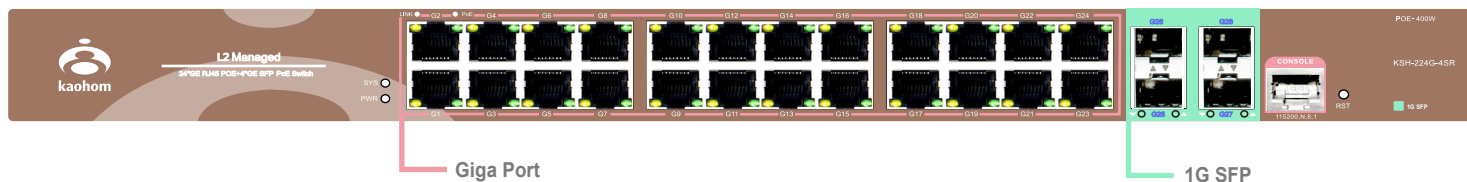
- Flexible division of VLAN&QinQ
- Industrial rapid ring network ERPS/STP
- Static & dynamic convergence



SECURITY PROTECTION MECHANISM

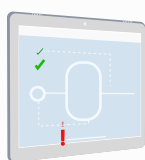
- Port isolation, broadcast storm suppression
- Port+MAC/IP+MAC port binding

Bright Colors Indicating The Differentiation of Each POE Function



Fixed Port	24 10/100/1000M POE (Data/Power)	Packet Forwarding Rate @64type	38.69Mpps	
	4100/1000M SFP Uplink optical port slot(Data)		Twisted Pair Transmission	10BASE-T : Cat3,4,5 UTP(≤100 meter)
	1 Console RS232 Control port (115200 · N · 8 · 1)			100BASE-TX : Cat5 or later UTP(≤100 meter)
POE Port	Port 1-24 supports IEEE802.3af/at standard power supply		1000BASE-T : Cat5e or later UTP(≤100 meter)	
Network Protocol	IEEE802.3 10BASE—T ; IEEE802.3i 10BASE—T	Optical Cable	Multimode 850nm 0-550m	
	IEEE802.3u 100Base-TX ;		Singermode 1310nm 0-40KM , 1550nm 0-120KM	
	IEEE802.3ab 1000Base-T ;	Power Supply Pin	Only supports 1/2(+) · 3/6(-) ;	
	IEEE802.3z 1000Base-X ;	Highest Single Port	30W/15.4W	
	IEEE802.3x	Total Power/Input Voltage	400W(AC100-240V)	600W(AC100-240V)
Network Port Characteristics	10/100/1000Base-T automatic detection Full/half duplex MDI/MDI-X adaptive	Matching Power Supply	Built-in switching power supply AC : 100 ~ 240V 50-60Hz 6.6A	
Optical Port Characteristics	Gigabit SFP fiber interface, optical module is not matched by default, need to be purchased separately	Size (L*W*H)	440*290*44.5mm	
Forwarding Mode	Store and forward (full wire speed)	Weight	< 5.2kg / < 5.5kg	
MAC Address Table	8K	Installation Method	Desktop, 19-inch cabinet installation	
Backplane Bandwidth	256Gbps (no blocking)	Power Consumption	Standby: <6W; full load : < 400W	
Power Supply Standard	Comply with IEEE802.3af/at international standard	Working Temperature/Humidity	-20 ~ +55°C ; 5% ~ 90% RH No condensation	
Packet Forwarding Cache	4M	Total Storage Temperature/Humidity	-40 ~ +75°C ; 5% ~ 95% RH No condensation	
LED Indicator	Power indicator: PWR (yellow); Network indicator: Link (yellow); POE indicator: PoE (green); Speed indicator: (network port green light); Optical port indicator: L/A (green)	Lightning Protection/Protection Level	4KV 8/20us / IP30	
Certification	3C;CE mark/commercial;CE/LVD EN60950 FCC Part 15 Class B;RoHS	Warranty	3 years / lifetime warranty (depending on model)	

LINK OBJECT



SCREEN



DOOR CONTROL



PLC



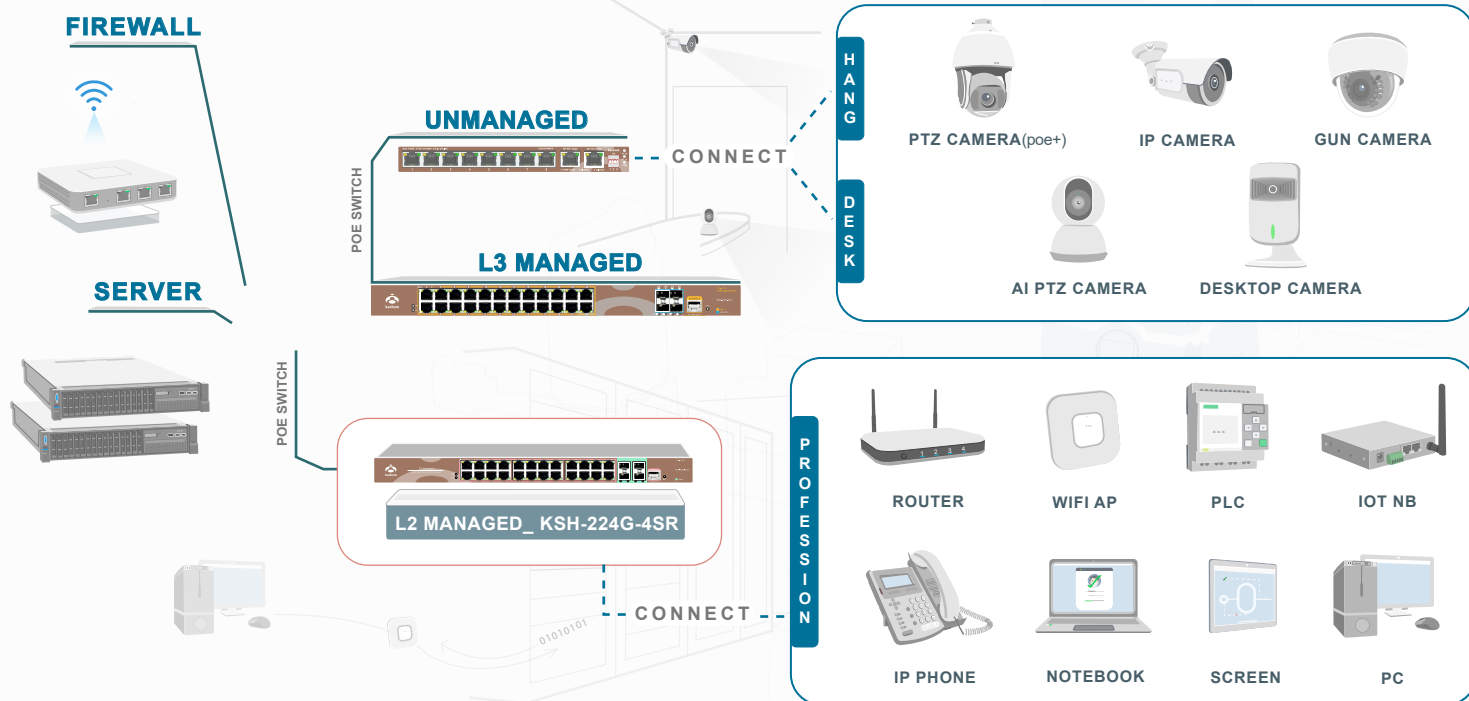
SERVER(for L3)



IOT NB

PASS THROUGH
POWERED SWITCH

SYSTEM ARCHITECTURE DIAGRAM



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