



KSH-324G-4TS

L3 10G Uplink Three-Layer Network
Management PoE Fiber Switch

24 10/100/1000Base-T RJ45+4 1/10G SFP

/ Hardware

24 10/100/1000 Base-T adaptive RJ45 ports + 4
1/10G 10G SFP+ optical ports slot

/ Application Field

Suitable for hotels/campus/park supermarkets
scenic factory dormitories/SMB small and medium
enterprises to form a cost-effective network

/ Network Management

PoE power supply management, port management-
troutrouting address management, port flow control
VLAN division IGMP, security policies, 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



POWERFUL PROCESSOR

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



SECURITY PROTECTION MECHANISM

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



EQUIPMENT STABILITY

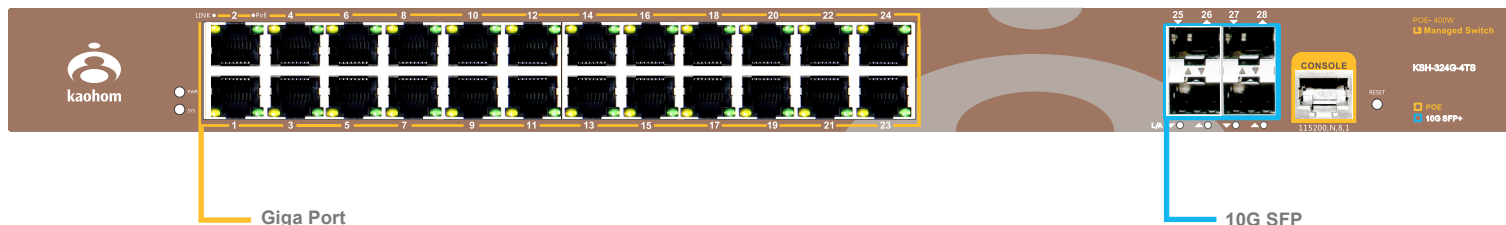
- Super heat dissipation
- Self research and development of power supply



DIVERSIFIED MAINTENANCE

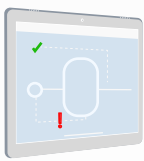
- Diversified maintenance & management

Bright Colors Indicating The Differentiation of Each POE Function



Fixed Port	24 10/100/1000Base-T POE （Data/Power）	Packet Forwarding Rate@64byte107.14Mpps	
	4 1/10G GigabitSFP+Shanglian optical port （Data）	MAC Address Table32K	
	1 Console RS232 Control port （115200 · N · 8,1）	Packet Forwarding Cache32M	
Type	L3	Twisted Pair Transmission10BASE-T ： Cat3,4,5 UTP(≤100 meter) 100BASE-TX ： Cat5 or later UTP(≤100 meter) 1000BASE-T ： Cat5e or later UTP(≤100 meter)	
POE Port	1-24 Port support IEEE802.3af/at standard POB	Optical CableMultimode 850nm 0-300M(10G) 850nm 0-500M(1.25G) Singermode ： 1310nm 0-40KM , 1550nm 0-120KM	
Network Protocol	IEEE802.3 10BASE—T；IEEE802.3i 10BASE—T	Power Supply PinBy default it only supports 1/2(+), 3/6(-), 4-core power supply	
	IEEE802.3u 100Base-TX；	Highest Single Port30W/15.4W	
	IEEE802.3ab 1000Base-T；	Total Power/Input Voltage400W(AC100-240V)600W(AC100-240V)	
	IEEE802.3z 1000Base-X；	Power ConsumptionStandby: <25W; full load power consumption: <400W	
	IEEE802.3ae 10G Base-SR / LR；IEEE802.3x	Matching Power SupplyBuilt-in switching power supply,AC:100-240V 50-60Hz 5A6.6A	
Network Port Characteristics	1-24 port 10/100/1000Base-T automatic detection, Full/half duplex MDI/MDI-X adaptive	SIZE（L*W*H）440*290*44.5mm	
Optical Port Characteristics	Gigabit SFP fiber interface, optical module is not matched by default, need to be purchased separately	Weight< 4.4kg / < 5.3kg	
Forwarding Mode	Store and forward (full wire speed)	Lightning Protection/Protection Level4KV 8/20us / IP30	
Switch	Have	Working Temperature/Humidity-20 ~ +55℃ ； 5% ~ 90% RH No condensation	
Backplane Bandwidth	598Gbps（non-blocking）	Storage Temperature/Humidity-40 ~ +80℃ ； 5% ~ 95% RH No condensation	
Power Supply Standard	Comply with IEEE802.3af/at international standard	LED indicatorPower indicator: PWR (yellow); Network indicator: Link (yellow); POE indicator: PoE (green); Speed indicator: (network port green light); Optical port indicator: L/A (green)	
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



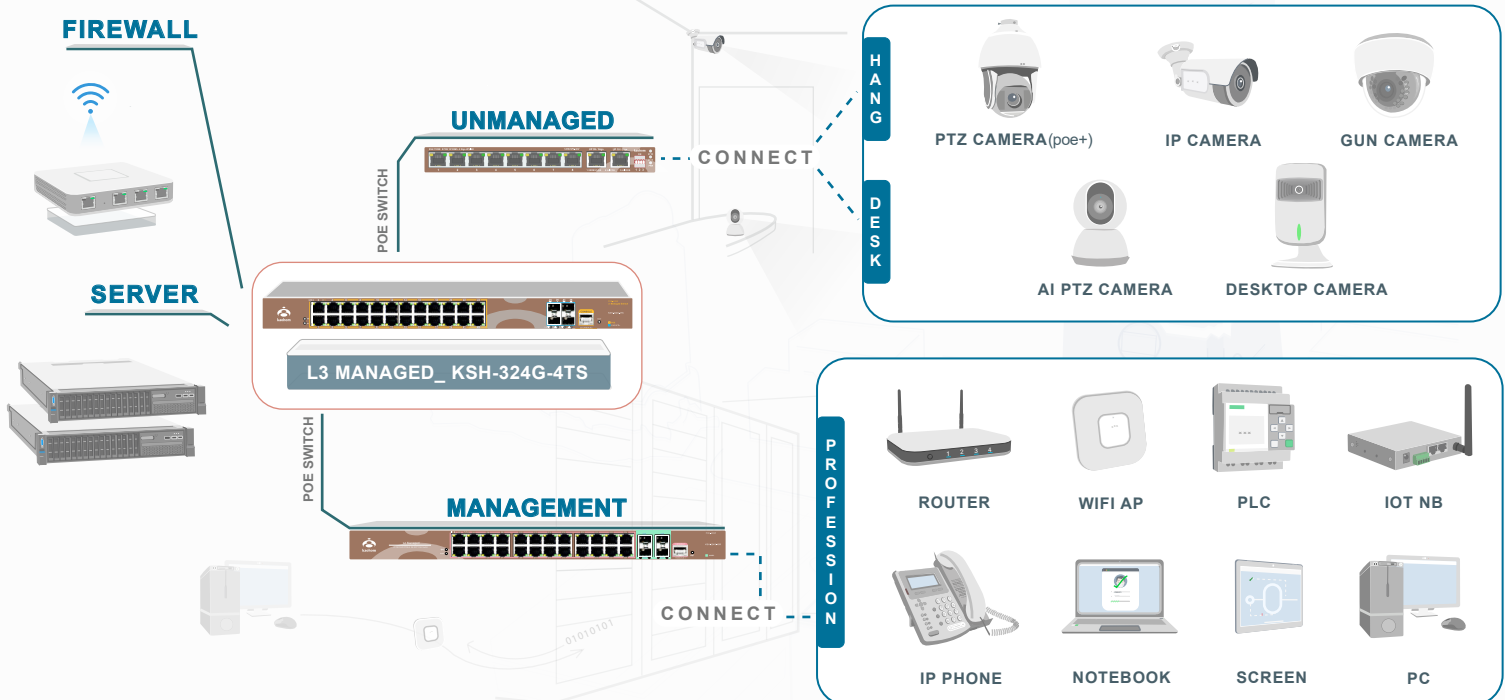
SERVER(for L3)



IOT NB

PASS THROUGH
POWERED SWITCH

SYSTEM ARCHITECTURE DIAGRAM



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



kaohom • TAIWAN