



KGS-1020-HP



Managed 10-Port Gigabit Ethernet PoE+ Switches with 2 dual-speed SFP Slots

Product Highlights:

- Web management
- DHCP support
- 802.1Q Tagged VLAN support
- QoS support
- Port mirroring function
- STP/RSTP support
- LACP link aggregation
- Jumbo frame support
- IGMP snooping

Key Features:

- Provides Eight 10/100/1000Mbps copper ports and two dual-speed SFP slots
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- All copper ports are equipped with IEEE 802.3at-compliant PoE PSE
- Support 802.3x flow control
- Support jumbo frame length up to 9K bytes at full wire speed forwarding
- Support IEEE 802.3az Energy Efficient Ethernet
- Support port-based, 802.1Q tag-based VLAN and voice VLAN
- Support 802.1D STP and 802.1w RSTP
- Support port link aggregation (trunking) function and LACP support
- Provide port-based, 802.1p-based and DSCP-based QoS function
- Provide port mirroring function, IGMP snooping, Loop prevention
- Provide SNMP v1/v2C agent and event trap function

Specifications:

Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az
Network Ports	8 10/100/1000Mbps copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support 2 100/1000Mbps SFP ports SFP supports standard SFP fiber transceiver installation
Network Cables	10/100/1000Mbps Copper: Cat. 5, 5e, 6 or higher up to 100m 100/1000Mbps Fiber: MMF 50/125µm, 60/125µm, SMF 9/125µm
Power over Ethernet	IEEE 802.3at compliant (High power PoE) PSE Power output voltage: 54 VDC 30W max. at port output, 130W max. shared by all ports
PoE Protection	Incompliant PD detection, Disconnection, Over-current, Short-circuit, Under voltage
MAC Addresses	4K
LED Indication	Per unit: Power, Per port: Link/activity, PoE status, Per SFP: Link/activity
Power Input	IEC320 receptacle for internal AC-DC power supply Operating voltage range: +100 ~ 240VAC, 50/60 Hz
Power Consumption	10W max. (Full load without PoE)
Housing	Enclosed metal with no fan
Dimension	280 x 180 x 44 mm (WxDxH)
Mounting Support	19" rack, Wall
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 10% ~ 90% non-condensing
Approval	FCC Class A, CE mark Class A, EN 62368-1 safety



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