KGS-2800

Managed 28-Port Gigabit Ethernet Switch with 24 SFP Ports and 4 10G SFP+ Ports

Product Highlights:

- 28-Ports Managed Gigabit switch
- SFP supports Dual speed 100M/1000M
- SFP+ supports Dual speed 1000M/10G
- 4-Ports Combo copper ports
- Web/Telnet/SNMP/Console managed
- IPv6 support
- 802.1Q Tagged VLAN
- STP/RSTP/MSTP support
- 802.1X authentication support
- IGMP snooping support
- LACP support
- RMON support

KGS-2800 provide 24 ports 100/1G SFP + 4 Ports Combo Gigabit TP Ports and 4 Ports 1G/10G SFP+ in a single device, the specification is highlighted as follows:

Key Features:

- L2+ features provide better manageability, security, QoS, and performance.
- ITU-T Y.1731 Ethernet OAM Performancemonitoring
- High port count design with all Gigabit Ethernet ports
- Support guest VLAN, voice VLAN, Port based, Tag-based and Protocol based VLANs
- MEF E-tree service over MPLS (includes E-LINE, E-LAN and E-TREE(EP-TREE, EVP-TREE)),available at FW v1.20
- ITU-T G.8031 Ethernet Linear Protection and ITU-T G.8032 Ethernet Ring Protection Switching
- AC(100~240VAC) and DC(-48VDC) dual power input for power redundancy requirement
- Support 802.3az Energy Efficient Ethernet standard
- Support 32K MAC table
- Support IPv6/ IPv4 Dual stack
- Support s-Flow
- Support Easy-Configuration-Port for easy implement the IP Phone, IP Camera or Wireless environment

Specifications:

Standard	IEEE 802.3 Ethernet, Fast Ethernet, Gigabit Ethernet, 802.3ae 10 Gigabit Ethernet, 802.1x, 802.1D, 802.1w, 802.1s, 802.1Q, 802.1p, 802.3ad, 802.1v
Network Ports	24 100/1000Mbps SFP ports and 4 1000M/10G SFP+ ports 4 Combo ports - 10/100/1000Mbps copper
10G Slots	SFP Transceiver slots supporting 1000M and 10G SFP+ Multimode fiber cable: 62.5/125µm or 50/125µm Single mode fiber cable: 9/125µm
MAC Address Table	32K MAC address entries
Switching Functions	System informations, Port status/statistics, Port control, VLAN, GVRP, QoS, LACP aggregation, port mirroring, Firmware upgrade, 802.1w RSTP, 802.1s MSTP 802.1x, IGMP snooping, Storm control, Power saving, Configuration backup and restore
Diagnostics	Port Mirroring, Remote Ping, VeriPHY, SMTP
Management Interfaces	In-Band: IPv6/IPv4 support, Telnet & SSH, HTTP & HTTPS, SNMPv1,v2c,v3 Out-of-Band: RS-232 Console port, RMON - Groups 1,2,3, 9 (Statistics,History, Alarm, Event)
Power Input	Internal power supply: 100 to 240VAC, 50 to 60 Hz or -48VDC

120830

10G SFP+ Transceivers

Dimensions	442 x 212.2 x 44 mm (WxDxH)
Weight	3.1Kg
Environment	Operating Temperature: 0 $^{\circ}$C ~ 40 $^{\circ}$C Storage Temperature: -20 $^{\circ}$C ~ 70 $^{\circ}$C Humidity: 10% ~ 95% non-condensing
Approval	FCC Class A, CE Mark, CISPR 22 Class A

Application:

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Core Backbone — 10G / 10G → KGS-2800 → Cat.5 (×3 to computers)

1G 1G 1G 1G → Fiber Network (×4)