



KS-2262



Managed 24-Port 10/100 Fast Ethernet Switch with 2 Gigabit Combo Ports

Product Highlights:

- 24 FE 10/100 ports
- 2 GE combo ports
- Port mode, rate control
- Port mirroring
- LACP trunking
- Port/802.1p based QoS
- Port/802.1Q/GVRP VLAN
- STP/RSTP support
- IGMP snooping function
- 802.1x function
- RMON support
- Configuration backup and download
- Firmware upgradable
- Console/SNMP/web/telnet/trap management

Key Features :

- 24 10/100M ports support auto-negotiation and auto-MDI/MDI-X configuration
- 2 Gigabit combo ports with copper RJ-45 and fiber SFP support
- Provides wire speed store-and-forward switching
- SNMP, telnet, Web, console management support
- Supports IEEE 802.3x flow control for full-duplex operation
- Supports Back-pressure flow control for half-duplex operation
- Provides port ingress and egress rate control function
- Provides packet storm control function
- Provides port-based, 802.1Q tag-based VLAN function with GVRP support
- Provides port-based, 802.1p-based, Tos, Diffserv based Qos Packet classification
- Supports IEEE 802.1x Port-based authentication
- Supports IGMP snooping
- Supports 802.1D/1w Spanning Tree Protocol
- Provides LACP trunking function
- Provides port mirroring function
- Supports configuration file backup and download
- Supports RMON agent

Specifications:

Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3z 1000Base-T, IEEE 802.3ab, IEEE 802.1x, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1w, IEEE 802.3ad	
FE 10/100 Ports	Port 1 - 24, Shielded RJ-45 with auto MDI-X detection	
Gigabit Ports	Combo Port 25, 26, each with: - Shielded RJ-45 with 10/100/1000Mbps, auto MDI-X detection - SFP connector for mini-GBIC fiber transceiver	
Network Cables	10Base-T:	Cat. 3, 4, 5 UTP or higher up to 100m
	100Base-TX:	Cat. 5 UTP or higher up to 100m
	1000Base-T:	Cat. 5, 5e UTP or higher up to 100m
	1000Base-SX/LX:	Multimode or single mode fiber cables
MAC Address	8K entries	
Flow Control	IEEE 802.3x pause frame based for full-duplex Backpressure for half-duplex mode	
Forwarding speed	Max. 148,810 pps on 100Mbps ports Max. 1,488,100 pps on Gigabit ports	
Trunking Function	LACP trunking 2 Fast Ethernet groups and 1 Gigabit group max.	
QoS Function	4-level priority Priority classifications - Port-based, 802.1p-based	
VLAN Function	Port-based VLAN, IEEE 802.1Q Tag-based VLAN GVRP support, 4094 VLAN support, 256 VLAN groups max	



FCC Part 15, Class A
CISPR 22 Class A

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Port Rate Control	Ingress rate, Egress rate, Broadcast storm rate, Flooding storm rate	
Port Access Control	IEEE 802.1x authentication	
Spanning Tree	IEEE 802.1D/1w compliant	
IP Multicast	IGMP Snooping support	
Port Mirroring	Mode options - Ingress/Egress traffic	
RMON Support	RFC1757 group 1,2,3,9	
Management	Out-of-band console In-band SNMP and Trap, Web, Telnet CLI interfaces	
LEDs	System LED	Power, CPU RUN, ACT (LED SET), FDX (LED SET), SPD (LED SET)
	Per Port LED	10/100M Port 1-24 : LINK/ACT, FDX, SPD 1000M Fiber/TP Port 25-26 : LINK/ACT, FDX, SPD
Dimension	442 x 209 x 44 mm (19" rack mountable)	
Power	100 - 240VAC, 50-60Hz, 15 Watts (Max)	
Approval	FCC Part 15 Class A, CE/CISPR Class A	
Environment	Operating Temperature : 0°C ~ 40°C	
	Relative Humidity:	5% ~ 90% non-condensing