



KS-2262



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

Product Highlights:

- 24 FE 10/100 ports
- 2 GbE 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/MDI-X detection	
Gigabit Ports	Combo Port 25, 26, each with: - Shielded RJ-45 with 10/100/1000Mbps, auto MDI/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	



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 W max.
Environment	Operating Temperature: 0°C ~ 40°C Relative Humidity: 5% ~ 90% non-condensing
Approval	FCC Part 15 Class A, CE/CISPR Class A



FCC Part 15, Class A
CISPR 22 Class A

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