



KS-2601



Managed 24-Port Modular Fast Ethernet Switch with 2 Modular Gigabit Slots

Product Highlights:

- Modular design
- 3 FE 8-port module slots
- 2 GbE 1-port module slots
- Port mode, rate control
- Port mirroring
- Port trunking
- Port/802.1p based QoS
- Port/802.1Q/GVRP VLAN
- STP support
- IGMP snooping function
- Port Security
- 802.1x function
- RMON support
- Configuration backup and download
- Firmware upgradable
- Console/SNMP/Web/Telnet/Trap management

Key Features:

- Fully modular design with 3 8-port Fast Ethernet module slots and 2 Gigabit slots
- Optional modules - 8-port 10/100TX, 8-port 100FX, 1-port Gigabit copper, 1-port Gigabit fiber modules
- 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 QoS function
- Supports IEEE 802.1x Port-based authentication
- Supports IGMP snooping
- Supports Spanning Tree Protocol
- Provides static MAC address security function per port basis
- Provides port 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	
Number of Ports	3 x 8-port Fast Ethernet module slots Optional modules: 8-port 10/100Base-TX, 8-port 100Base-FX 2 x Gigabit Ethernet slots Optional module: 10/100/1000Base-T, 1000Base-SX/LX	
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	Port-based 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
Static MAC Security	Static MAC address filter-in, filter-out per port basis
Port Access Control	IEEE 802.1x authentication
Spanning Tree	IEEE 802.1D compliant
IP Multicast	IGMP Snooping support
Port Mirroring	Mode options - Ingress/Egress traffic, SA/DA MAC traffic
RMON Support	RFC1757 group 1,2,3,9
Management	Out-of-band console In-band SNMP and Trap, Web, Telnet CLI interfaces
LEDs	Unit - power status Per port - link/activity status, full-duplex/collision status
Dimension	440 x 254 x 44 mm (19" rack mountable)
Power	100 - 240VAC, 50-60Hz
Environment	Operating Temperature: 0°C ~ 50°C Relative Humidity: 10% ~ 90% non-condensing
Approval	FCC Part 15 Class A, CE/CISPR Class A

Optional Module Ordering Informations:

Model Name	Description
KS-2601	24-Port Main Unit w/o any slide-in modules
KS-2601-8T	8-Port 100Base-TX slide-in module
KS-2601-8MC	8-Port 100Base-FX SC slide-in module (Multimode)
KS-2601-8MT	8-Port 100Base-FX ST slide-in module (Multimode)
KS-2601-8JM	8-Port 100Base-FX MT-RJ slide-in module (Multimode)
KS-2601-8SL2	8-Port 100Base-FX SC slide-in module (SMF 20km)
KS-2601-8W3520-A	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1310 Rx 1550nm SMF 20km)
KS-2601-8W5320-A	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1550 Rx 1310nm SMF 20km)
KS-2601-1SX	1-Port 1000Base-SX slide-in module (Multimode)
KS-2601-1LX	1-Port 1000Base-LX slide-in module (Single Mode)
KS-2601-1GT	1-Port 1000Base-T slide-in module (Copper)



FCC Part 15, Class A
CISPR 22 Class A

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