

# KS-2600



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

### Product Highlights:

- Modular design
- 3 8-port Fast Ethernet module slots
- 2 Gigabit slots
- Port control, mirroring, trunking function
- 802.1p/TOS/DSCP/TCP/IP based QoS
- Port-based/802.1Q/GVRP VLAN
- STP support
- IGMP snooping function
- Security function
- RMON support
- Console /SNMP /web /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-based, 802.1Q tag-based VLAN and GVRP function
- Provides port-based, 802.1p, TOS, DSCP, and IP QoS function
- Supports IGMP snooping
- Supports Spanning Tree Protocol
- Provides static and dynamic MAC address limit function per port basis
- Provides port trunking and mirroring functions
- 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
MAC Address	12K 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.
Port Mirroring	Mode options - Tx or Rx traffic
QoS Function	4-level priority for 100Mbps Tx queues, 8-level for 1000Mbps, Drop rate control Priority classifications - 802.1p, TOS, DSCP, TCP/IP logical ports Port rate control for 10/100Mbps ports
VLAN Function	Port-based VLAN, IEEE 802.1Q Tag-based VLAN GVRP support, 128 VLAN groups max.
Security	Static MAC filter-in, filter-out, limit settings



FCC Part 15, Class A  
CISPR 22 Class A

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Spanning Tree	IEEE 802.1D compliant
IP Multicast	IGMP Snooping support, packet filtering, 128 groups
RMON Support	RFC1757 group 1,2,3,9
Internal Routing	RIP/RIP-2/DHCP-relay/ICMP
Dimension	440 x 254 x 44 mm (19" rack mount Support)
Power	100 - 240VAC, 50-60Hz
Approval	FCC Part 15 Class A, CE / CISPR Class A
Environment	Operating Temperature : 0° ~ 50°C Relative Humidity: 5% ~ 95% non-condensing
Management	SNMP and Trap, Web, Telnet, Console interfaces

### Optional Module Ordering Information:

Model Name	Description
KS-2600	24-Port Main Unit w/o any slide-in modules
KS-2600-8T	8-Port 100Base-TX slide-in module
KS-2600-8MC	8-Port 100Base-FX SC slide-in module (Multimode)
KS-2600-8MT	8-Port 100Base-FX ST slide-in module (Multimode)
KS-2600-8S15	8-Port 100Base-FX SC slide-in module (Single Mode)
KS-2600-8SL2A	8-Port 100Base-FX SC slide-in module (SMF 20km)
KS-2600-8W320-O	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1310 Rx 1550nm SMF 20km)
KS-2600-8W520-O	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1550 Rx 1310nm SMF 20km)
KS-2600-8W320-A	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1310 Rx 1550nm SMF 20km)
KS-2600-8W520-A	8-Port 100Base-FX Bi-Di SC slide-in module (Tx 1550 Rx 1310nm SMF 20km)
KS-2300/2600-1SX	1-Port 1000Base-SX slide-in module (Multimode)
KS-2300/2600-1LX	1-Port 1000Base-LX slide-in module (Single Mode)
KS-2300/2600-1GT	1-Port 1000Base-T slide-in module (Copper)