



KS-3320



4-Slot 10/100/1000Base Modular Switch

The KS-3320 is a modular switch that supports 4 module slots and a variety of media modules. The switch base unit can be easily configured from 6 models of switch modules to meet different application needs such as a back-bone switch with 16-port 100Base-FX connections. All the 100Base-FX fiber modules come with three connector types: multimode ST, SC, MT-RJ, and VF-45. A maximum of 32 ports 10/100Base-TX switched ports can also be achieved by using 4 x 8 port 10/100Base-TX switch modules. In the same way a maximum of 4 x 1000Base-SX ports can be accommodated in the base unit. Any of the above modules can be integrated to provide up to 24 different combinations.

Key Features:

- 4-Slot 10/100/1000Base Modular Switch
- Complies with IEEE 802.3 10base-T, 802.3u 100Base-TX, 100Base-FX, 802.3z 1000Base-SX, 802.3x flow control
- Auto-negotiation for both the 10/100 speed and full/half duplex for each 10/100 TP port of the 8-port 10/100Base-T module
- Self learning for network configuration
- Supports IEEE 802.3x flow-control for full-duplex mode and back-pressure flow-control for half-duplex mode
- Store-and-forward switching architecture
- Up to 9.6 Gbps backplane forwarding rate
- 12K entry MAC address table per module
- 5MB memory buffer for switch and 100M fiber modules, 3MB for 1000Base-SX module
- Supports 7 models of media modules for the flexibility of configuration:
 - KS-3000-8T: 8-port 10/100Base switch module
 - KS-3000-4FT: 4-port 100Base-FX switch module with multimode ST connectors
 - KS-3000-4FC: 4-port 100Base-FX switch module with multimode SC connectors
 - KS-3000-4FS6: 4-port 100Base-FX switch module with single mode SC connectors, 60KM
 - KS-3000-4FJ: 4-port 100Base-FX switch module with multimode MT-RJ connectors
 - KS-3000-4FV: 4-port 100Base-FX switch module with multimode VF-45 connectors
 - KS-3000-SX: 1-port 1000Base-SX switch module with multimode SC connector
- 19" rackmountable

Base Unit Specifications:

Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3 100Base-FX, IEEE 802.3x flow control	
LED Indicator	Power status	
Environment	Temperature:	0° to 45° C
	Relative humidity:	10% to 90% non-condensing
Dimension	440mm x 227mm x 66.5mm (17.32 x 8.94 x 2.62inch)	
Power	100-240 VAC, 50/60 Hz, 50W max.	

Module Specifications:



KS-3000-8T



KS-3000-4FT



KS-3000-4FC



KS-3000-4FJ



KS-3000-4FV



KS-3000-SX

Model	KS-3000-8T	KS-3000-4FS6	KS-3000-SX
Standard	802.3 10Base-T, 802.3u 100Base-TX, 802.3x flow control	802.3u 100Base-FX, 802.3x flow control	802.3z 1000Base-SX, 802.3x flow control
# of Port	8	4	1
Speed	10/100 auto-negotiation	100Mbps	1000Mbps
Connectors	shielded RJ-45	single mode SC	multimode SC
Cables	KS-3000-8T	10Base-T: 100Base-TX:	Cat. 3, 4, or 5 UTP cable, 100m max. Cat. 5 UTP cable, 100m max.
	KS-3000-4FS6	100Base-FX:	1300nm, single mode 9/125μm, 6km max.
	KS-3000-SX	1000Base-SX:	850nm, multimode 62.5/125μm, 220m max.
		1000Base-SX:	850nm, multimode 50/125μm, 550m max.
MAC Address	12K	12K	12K
RAM Buffer	5MB	5MB	3MB
LED Indicators	100M, Link/Activity, Duplex/Collision	Link, Activity Full Duplex, Collision	Link/Activity, Duplex/Collision

Model	KS-3000-4FT	KS-3000-4FC	KS-3000-4FJ	KS-3000-4FV
Standard	802.3u 100Base-FX, 802.3x flow control			
# of Port	4	4	4	4
Speed	100Mbps	100Mbps	100Mbps	100Mbps
Connectors	multimode ST	multimode SC	multimode MT-RJ	multimode VF-45
Cables	100Base-FX:	1300nm, multimode 62.5/125μm, 2km max.		
MAC Address	12K	12K	12K	12K
RAM Buffer	5MB	5MB	5MB	5MB
LED Indicators	Link/Activity status, Duplex/Collision status for each fiber port			

Ordering Information:

KS-3320:

4-Slot 10/100/1000Base Modular Switch Base Unit

KS-3000-8T:

8-Port 10/100Base-T Switched Module

KS-3000-4FT:

4-Port 100Base-FX Multimode SC Module

KS-3000-4FC:

4-Port 100Base-FX Multimode SC Module

KS-3000-4FS6:

4-Port 100Base-FX Single Mode SC Module, 60km

KS-3000-4FJ:

4-Port 100Base-FX Multimode MT-RJ Module

KS-3000-4FV:

4-Port 100Base-FX Multimode MT-RJ Module

KS-3000-SX:

1-Port 1000Base-SX Gigabit Ethernet Module



**FCC Part 15, Class A
CISPR 22 Class A**

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