FlexSWITCH Backbone Switch

DES-5016

Flexible Configuration
FlexSWITCH is a 5-slot chassis. An SNMP module is pre-installed in a full-size slot. 2 additional full-size slots and 2 half-size slots are provided. Users can select to configure the port density and expansion modules to meet their specific requirements.

10/100Mbps Ports
Up to 24 10/100Mbps ports can be configured in a FlexSWITCH. These ports auto-sense 10BASE-T and 100BASE-TX connection, and auto-negotiate between full and half duplex.

Fiber-optics Support
Users can also install up to 16 100BASE-FX fiber ports, or combine both twisted-pair and fiber ports in a single FlexSWITCH.

Expansion Modules
Options available include ISDN, 100Mbps Gigabit Ethernet modules. * These modules can be installed in the half-size slots.

Features
- Up to 24 10/100Mbps, up to 18 100BASE-FX ports
- Full/half duplex for all LAN ports
- 3 full-sized slots, 2 half-sized slots
- Optional 128Kbps BRI ISDN port

- Optional 1000Mbps Gigabit Ethernet port *
- Up to 7 trunks, each with up to 1600Mbps (8 ports at full duplex)
- Extensive diagnostic LEDs
- FCC Class A, CE Mark, VCCI Class A, C-Tick
- UL, CSA, TUV/GS

Performance
- Cut-through, store-and-forward switching
- 8 K address filtering tables
- Packet filtering/forwarding 10BASE-T: 14,880 pps per port 100BASE-TX/FX: 148,800 pps per port
- Dynamic buffer allocation for each port

Management
- SNMP standard
- Flash memory: 512KB provided Socket for additional 512KB
- Auto-learning of source MAC addresses
- Custom filters support *
- Broadcast storm protection *
- RMON, Telnet support
- Up to 8 VLANs per switch
- Spanning Tree for redundant backup paths
- Built-in RS-232 console port

* Available on later date

Ordering Information

Multifunction Backbone Switch
DES-5016	16 10/100Mbps ports, SNMP, RMON agents
DES-5016FX	16 100BASE-FX fiber ports, SNMP, RMON agents
DES-5016TF	8 10/100Mbps ports, 8 100BASE-FX fiber ports, SNMP, RMON agents
DES-5024	24 10/100Mbps ports, SNMP, RMON agents

Optional Modules
DES-5004M	1 ISDN port (S/T BRI), IP/IPX routing, bridge
DES-5004MW	1 ISDN port (U BRI), IP/IPX routing, bridge
DES-5005	2 100BASE-FX fiber ports
DES-5006	12 10/100Mbps ports
DES-5008*	1 Gigabit Ethernet fiber port

Management Software
See pages 87 to 94.

Rack-mount Switches

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