

>>> RP-1601I



RP-1601I 16-P Nway + 1-p Fiber Optional Management Switch
MOD-FM1SC Module for 1-P 100FX Multi-mode
MOD-FS1 SC Module for 1-P 100FX Single mode 20Km



The device is a cost-effect high performance 16TX + 1FX(module) ports 10/100 Mbps Ethernet/Fast Ethernet management switch with Broadcom solution. This switch supports remote management function by SNMP, Http and Telnet operations. The device supports lots of functions for a L2 switch management, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions. Auto-MDIX function is also supported for every port of the switch for easy cable connection.

FEATURES

- 16* RJ45 ports, with 10/100Mbps, Full/Half duplex auto-negotiation and Auto-MDIX function
- One module slot for one more 100BaseFX connection (Port 17)
- Support out-band console and in-band SNMP/Http/Telnet management interface
- Prevents packet loss with back pressure and IEEE802.3x flow control functions
- 4 priority queues are supported on each port for QoS application
- Support 802.1Q VLAN
- Support Static Mac Address access limit on port
- Support IEEE 802.1x Port Security function
- Support Rate Control on port
- Support IP Multicast with IGMP snooping function
- Low Power consumption, no fan inside
- Support remote port configuration setting and status monitoring

SPECIFICATIONS

Standards	IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast Ethernet), IEEE802.1D, IEEE802.1P, IEEE802.1Q, IEEE802.1x
Console Port	RJ45 console port
Filter & Forwarding Rate	Full line speed
Transmission method	Store-and-forward
Packet Buffer	512K Bytes
Mac Table Size	4K
Max Packet Size	1536 bytes
Flow Control	Back pressure for half duplex, IEEE802.3x for full duplex Auto detect Enable/Disable state
Management	Out-band : Console (Command Line Interface) In-band : SNMP/Telnet/Http
SNMP agent	Support MIB II(Interface), Bridge MIB, Etherlike MIB, Private MIB
VLAN	802.1Q VLAN, 256 co-current groups maximum from 1 to 511
Trunking	4 groups, 8 port/group max.
QoS	Four priority queues per port, Port-based & 802.1p tagged-based
Spanning Tree	Support IEEE 802.1D
Port Mirror	Yes, for Egress/Ingress packets, support DA/SA filtering function
Static Mac ID Access Limit	Yes, Limit on port
IEEE 802.1x	Yes, Support Transparent and Authentication modes
Rate Control	Yes, Limit on port for both Ingress/Egress traffic from 64Kbps to 100Mbps
IP Multicast	Yes, Support IGMP Snooping function
Software Upgrade	Out-band: Xmodem, In-band: TFTP
LED Display	Per Port : Link/Activity/(Speed), FDX , Per Device : Power
Dimensions	430W x 105D x 44H mm
Power Supply	Internal full range Auto-sWITCHING
Environmental Temperature	Optioing temp:0 ~ 50 ºC, Humidity: 5% ~ 95%
Certification	FCC, CE