



»» RP-1708I

8-P Fast Ethernet Nway management switch



The device is a cost-effect high performance 8*RJ45 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

- 8* RJ45 ports, with 10/100Mbps, Full/Half duplex auto-negotiation and Auto-MDIX function
- 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
Filter & Forwarding Rate	•Full line speed
Transmission method	•Store-and-forward
Packet Buffer	•256K 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	•Version. I, •Support MIB II(Interface), Bridge MIB, Etherlike MIB, Private MIB
VLAN	•802.1Q VLAN, 256 co-current groups maximum from 1 to 4094
QoS	•Four priority queues per port, Port-based & 802.1p tagged-based
Spanning Tree	•Support IEEE 802.1D
Port Mirror	•For Egress/Ingress packets, support DA/SA filtering function
Static Mac ID Access Limit	•Limit on port
IEEE 802.1x	•Support Transparent and Authentication modes
Rate Control	•Limit on port for both Ingress/Egress traffic from 64Kbps to 100Mbps
IP Multicast	•Support IGMP Snooping function
Software Upgrade	•Out-band: Xmodem, In-band: TFTP
LED Display	•Per Port : Link/Activity, 100Mbps, FDX, Per Device : Power
Power Supply	•Internal full range auto switch
Environmental	•Option Temperature: 0 ~ 50 ºC •Humidity: 5% ~ 95%
Dimensions	•250W x 117D x 37H mm, Optional rack kits