



- >> RP-1708BD13
- >> RP-1708BD15
- >> RP-1708FC
- >> RP-1708FC30

8-P Fast Ethernet +100FX (MM/30Km) Managed Switch
8-P Fast Ethernet + WDM Managed Switch

This is a cost-effective, high-performance 8-port 10/100 Mbps Ethernet/Fast Ethernet managed switch with Broadcom solution. There are eight RJ-45 connectors and one 100FX connector for the switch - with Port 1 of the switch could be TX or FX port depending on which port is link-up. So this switch could have 8 * TX or 7 * TX +1 * FX active ports, and the TX/FX function of Port 1 is auto-detected. This switch supports remote managed function by SNMP, HTTP and Telnet operations. And it supports lots of functions for a L2 switch managed, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions. Auto MDI-X function is also supported for every TX port of the switch for easy cable connection.

Feature

- Support out-band console and in-band SNMP/Http/Telnet management interface
- Prevents packet loss with back pressure and IEEE802.3x flow control functions
- Supports IEEE 802.1p Class of Service with 4-level priority queuing.
- Support Static Mac Address access limit on port
- Support IEEE 802.1x Port Security function
- Support IEEE 802.1w Rapid Spanning Tree function
- Support broadcast/flooding/multicast traffic control
- Support Loopback detection function
- Support DHCP client function, Support RMON 1,2,3,9
- Support Text configuration download and upload
- Support remote port configuration setting and status monitoring

Specification

Standards	<ul style="list-style-type: none">• IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast Ethernet),• IEEE802.1D, IEEE802.1P, IEEE802.1Q, IEEE802.1x
Switching Capacity	<ul style="list-style-type: none">• 8* RJ-45 10/100Mbps ports, 1* FX port with 100Mbps sharing with 1TX port• RJ-45 console port• 256K Bytes Packet Buffer, 4K Mac Table, 1536 bytes Max Packet Size
Flow Control	<ul style="list-style-type: none">• Back pressure for half duplex, IEEE802.3x for full duplex
Management Security	<ul style="list-style-type: none">• Out-band: Console (Command Line Interface)• In-band: SNMP/Telnet/Http• SNMP agent: Version. I, II, III, Support MIB II(Interface), Bridge MIB, Etherlike MIB, Private MIB
VLAN	<ul style="list-style-type: none">• 802.1Q VLAN, 256 co-current groups maximum from eight active VLAN ID blocks
QoS	<ul style="list-style-type: none">• 4 priority queues per port, Port-based & 802.1p tagged-based/ToS• DiffServ priority operation , WRR/SPQ scheduling algorithm
Spanning Tree	<ul style="list-style-type: none">• Support IEEE 802.1w Rapid Spanning Tree
Port Mirror	<ul style="list-style-type: none">• Egress/Ingress packets, support DA/SA filtering function
IEEE 802.1x	<ul style="list-style-type: none">• Support Transparent and Authentication modes
Rate Control	<ul style="list-style-type: none">• Limit on port for both Ingress/Egress traffic from 64Kbps to 100Mbps
IP Multicast	<ul style="list-style-type: none">• Support IGMP Snooping and MVR function
Software Upgrade	<ul style="list-style-type: none">• Out-band: Xmodem, In-band: TFTP
LED Display	<ul style="list-style-type: none">• Per Port: Link/Activity(Speed), FDX, Per Device: Power
Power Supply	<ul style="list-style-type: none">• Internal Power AC100~240V, 50/60 Hz, Power Consumption: 6.5W
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C to 50°C• Operating Humidity: 5% to 95% (Non-Condensing)
Dimension	<ul style="list-style-type: none">• 250 * 117 * 37mm
Certification	<ul style="list-style-type: none">• FCC, CE

Ordering Information

RP-1708FC 8-P Ethernet +100FX (MM) Managed Switch

RP-1708FC30 8-P Ethernet +100FX (30Km) Managed Switch

RP-1708BD13 8-P Fast Ethernet + WDM TX:1310nm (15Km) Managed Switch

RP-1708BD15 8-P Fast Ethernet + WDM TX:1550nm (15Km) Managed Switch