>>> *RP-G0802I*

RP-G0802I 8-P Nway +1-P1000T Gigabit management switch

Optional Mini-GIBIC module:

MOD-MGSX550	1-P 1000Base-SX Mini-GIBIC module (MM, LC), 550M
MOD-MGLX10	1-P 1000Base-LX Mini-GIBIC module (SM, LC), 10Km
MOD-MGZX70	1-P 1000Base-ZX Mini-GIBIC module (SM, LC), 70Km

The device is a cost-effect high performance 8*TX + 2*Gigabit ports 10/100/1000 Mbps Ethernet/Fast Ethernet/Gigabit Ethernet management switch with Broadcom solution. The two built-in gigabit ports consist of one TX ports and one mini GBIC ports for high- speed users and high- speed connections. 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. VLAN(port-based/802.1Q), System Configuration, Port Configuration, Port Mirroring, Port Statistics, QoS functions, IGMP snooping, Port Access Limit and IEEE 802.1x. Auto-MDIX function is also supported for easy cable connection.

FEATURES

- Support out-band console and in-band SNMP/Http/Telnet management interface
- Prevents packet loss with back pressure and IEEE802.3x flow control functions
- Two priority queues on each port for QoS application
- Port-Base VLAN, VLAN overlapping is allowed
- 802.1Q VLAN, supporting up to 512 VLAN groups

- Supports IP Multicasting through IGMP Snooping function, supporting up to 256 groups
- Support remote port configuration setting and statistics monitoring
- Support port access limit by Mac address
- Support IEEE 802.1x for security applications

SPECIFICATIONS

Standards	•IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z •IEEE802.1D, IEEE802.1P, IEEE802.1Q, IEEE802.1x
Ports	•8* 10/100Mbps RJ45 ports, (Auto-negotiation / Auto-MDIX) •1* 10/100/1000Mbps RJ45 ports, (Auto-negotiation / Auto-MDIX) •1* mini GBIC ports(optional)
Console Port	•RJ45 console port
Filter&Forwarding Rate	•Full line speed
Switching method	•Store-and-forward
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	•Port-based VLAN, 10 groups max. •802.1Q VLAN, supporting up to 512 groups
IGMP	•IP Multicast Filtering by passively snooping on the IGMP Query, supporting up to 256 groups
Trunking	•4 groups, 8 port/trunk max.
QoS	•Two priority queues per port, Port-based & 802.1p tagged-based •Weight of queues and threshold of queues could be configured
Spanning Tree	•Support IEEE 802.1D
Port Mirror	•Engress/Ingress packets, support DA/SA filtering function
Port Access Limit	•by Mac address
Port Security	•IEEE 802.1x
Software Upgrade	•Out-band: Xmodem, In-band: TFTP, Http
LED Display	•Per Port : Link/Activity, Speed, FDX, Per Device : Power
Power Supply	•Internal full range Auto-switching
Environmental	•Temperature: 0 ~ 50 ¢J, Humidity: 5% ~ 95%
Dimensions	•440(W) x 172(D) x 43(H) mm, Optional rack kits