



### >> RP-16011

### 16-P Fast Ethernet + 1-P Fiber slot Managed Switch

The device is a cost-effective, high performance 16TX + 1FX(module) ports 10/100Mbps 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 MDI-X function is also supported for every port of the switch for easy cable connection.

### FEATURE

- Supports out-band console and in-band SNMP/HTTP/Telnet management interface
- Prevents packet loss with back pressure and IEEE 802.3x flow control functions
- Supports Static MAC Address access limit on port
- Supports IEEE 802.1x Port Security function
- Supports Rate Control on port
- Supports IP Multicast with IGMP snooping function
- Low power consumption, no fan inside
- Supports remote port configuration setting and status monitoring

### SPECIFICATION

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.3, IEEE 802.3u, IEEE 802.1D/P/Q/x</li></ul>
<b>Switching Capacity</b>	<ul style="list-style-type: none"><li>• 16* RJ-45 ports, with 10/100Mbps, One slot for 100BaseFX (Port 17)</li><li>• RJ-45 console port</li><li>• 512K Bytes bits Packet Buffer, 4K Mac Table Size, 1536 Bytes Max Packet Size</li></ul>
<b>Flow Control</b>	<ul style="list-style-type: none"><li>• Back pressure for Half Duplex, IEEE 802.3x for Full Duplex</li><li>• Auto detect Enable/Disable state</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>• Out-band: Console (Command Line Interface)</li><li>• In-band: SNMP/Telnet/HTTP/Https</li></ul>
<b>SNMP Agent</b>	<ul style="list-style-type: none"><li>• Supports MIB II (Interface), Bridge MIB, Etherlike MIB, Private MIB</li></ul>
<b>VLAN</b>	<ul style="list-style-type: none"><li>• 802.1Q VLAN, 256 co-current groups max. from 1 to 511</li></ul>
<b>Trunking</b>	<ul style="list-style-type: none"><li>• 4 groups, 8 port/group max.</li></ul>
<b>QoS</b>	<ul style="list-style-type: none"><li>• 4 priority queues per port, Port-based &amp; 802.1p tagged-based</li></ul>
<b>Spanning Tree</b>	<ul style="list-style-type: none"><li>• Supports IEEE 802.1w</li></ul>
<b>Port Mirror</b>	<ul style="list-style-type: none"><li>• For Egress/Ingress packets, supports DA/SA filtering function</li></ul>
<b>IEEE 802.1x</b>	<ul style="list-style-type: none"><li>• Supports Transparent and Authentication modes</li></ul>
<b>Rate Control</b>	<ul style="list-style-type: none"><li>• Limit on port for both Ingress/Egress traffic from 64Kbps to 100Mbps</li></ul>
<b>IP Multicast</b>	<ul style="list-style-type: none"><li>• Supports IGMP Snooping and MVR function</li></ul>
<b>Software Upgrade</b>	<ul style="list-style-type: none"><li>• Out-band: Xmodem</li><li>• In-band: TFTP/Http</li></ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"><li>• Per Port: Link/Activity(/Speed), FDX, Per Device: Power</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>• Internal power supply 100~240VAC</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>• Operating Temperature: 0°C to 50°C</li><li>• Operating Humidity: 5% to 95%</li></ul>
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 430 * 105 * 44 mm</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• FCC, CE</li></ul>

### Ordering Information

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Optional Module:

MOD-FM1SC Module for 1-P 100FX Multi-mode

MOD-FS1SC Module for 1-P 100FX Single-mode, 30km