

# 16 PORT UNMANAGED FAST ETHERNET SWITCH

Model: TSW 8016



## INTRODUCTION

The TSW 8016 is a dual-speed 10/100Mbps switch that provides a new level of Flexibility and easy migration Between bandwidths. Each port has auto sensing support and can operate at 10 or 100 Mbps data rate, in full or half duplex mode. The switch Designed with the latest technology, supports non blocking 148800 packets/second, wire Speed-forwarding rate and resolves the head-of-line-blocking problem.

## TECHNICAL SPECIFICATIONS

### FEATURES

- Plug and Play installation with automatic port configuration
- Supports sixteen 10/100Mbps auto-sensing and auto-negotiation ports.
- Provides non-blocking wire speed forwarding.
- Provides 10Mbps, 100Mbps hub and 10/100-switch functionality in one unit.
- Boosts network performance.
- Easy to view 3 LED level indicators for power and status and diagnostics.
- Embedded entries of look up table and entries of CAM.
- Supports Full/half duplex support for each port.
- Flow control fully supported
- Half duplex: back pressure
- Full Duplex: IEEE 802.3X
- Supports store-and-forward switching method
- Broadcast storm control.
- Supports VLAN & TRUNK based on ports.
- Standards
- Standard: IEEE 802.3, 802.3u, 802.3x, 802.1q 802.1P (Q.O.S), Ethernet N-Way
- Negotiation.
- Protocol: CSMA/CD
- Forwarding Rate: Non blocking, 148800-packets/second wire speed forwarding
- Cabling: CAT 3, 4, 5 UTP/STP for 10Base-T/CAT 5 for 100Base-TX
- Indicators: Power, Link, Port Speed (10M/100M)
- Power: External Power Supply

### TEMPERATURE

- Operating: 0° ~ 70° C
- Storage: -55° ~ 150° C
- Humidity: 10% to 90% (non-condensing)

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