

## 2 + 24 Port Gigabit Management Switch (ENS524 Series)

### **10/100/1000 Auto Negotiation**

Supports complete Enterprise network integration and Gigabit scalability

### **SNMP Management**

Complete management options for remote network monitoring and diagnostics

### **Bandwidth Control and QoS**

Supports flow rate and Class of Service on a port by port basis

SOHware's Gigabit Management Switch series is designed for Enterprise networks that require full Ethernet and Gig-E integration, with complete diagnostic and traffic flow management.



The series design offers ideal flexibility for growing networks, including option for scalable expansion slots to accommodate future network needs. Performance and management features are appropriate to support network backbone and server applications, with support for QoS and Bandwidth management.

### **Features and Benefits**

**IEEE 802.3 Standards** - Fully compatible with all 10, 100 and 1000 Mbps Ethernet networks supporting copper and/or fiber based Gigabit Ethernet interfaces.

**24 Ports - 10/100 Auto-MDI/MDIX** - Auto-negotiating for half and full duplex connections with auto-cross over support that simplifies installation and setup on any network configuration.

**Scalable Gigabit Ethernet Support** - Available in three models for maximum installation flexibility and future expansion support:

**ENS524REM** - Dual (2) expansion slots (expansion modules available for copper and fiber)

**ENS524RFM** - Dual (2) SC fiber Gigabit connections

**ENS524RM** - Dual (2) RJ-45 copper Gigabit connections

**SNMP / Web / RMON Management Options** - Extensive network monitoring and diagnostics features including access via Web browser and local console for complete management functionality.

**Bandwidth Control, VLAN and QoS** - Intelligent port features enable indepth and intelligent network management and prioritization control.

**SOHware**

# Specifications



Standards Compliance	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1q, 802.1d, 802.1p
Ports - 10/100	24 - RJ-45 (auto-MDI/MDIX)
Ports - Gigabit ENS524REM ENS524RFM ENS524RM	2 - expansion slots (supports copper or SC fiber modules) 2 - SC fiber 2 - RJ-45 copper
Console Port	1 - RS-232 (DB-9)
Management	SNMP, MIB I & II, Ethernet/Bridge MIB, RMON (1, 2, 3, 9)
Bandwidth Capacity	8.8 Gbps
Throughput Control	Store and Forward architecture - full wire speed forwarding and filtering Flow control Rate levels by port: 100Kb - 100Mb (100K increments)
Quality of Service	2 priority queue levels per port (802.1p)
Authentication	802.1x, MAC filtering
MAC Database	14k MAC entries
VLAN	Port based and Tag based - up to 256 groups (802.1q)
Trunking	7 groups simultaneously
Spanning Tree	802.1d compliant
Indicators (LED)	Power, link, speed per port
Buffer	512k
Operating Environment	Operating Temperature: 0 - 60°C (32 - 140°F) Humidity: 0-90% non-condensing
Dimensions	45 x 440 x 170mm (1.8 x 17.3 x 6.7 inches) 2450 gms (79 oz)
Power	100 - 240 VAC, 50/60 Hz (internal auto-switching)
Regulatory Approval	FCC Class A, CE
Warranty	One year, limited

## Models:

**ENS524REM-E:** 2 Expansion Slots + 24 port 10/100 Management Switch  
**ENS524RFM-E:** 2 Gig-E SC fiber ports + 24 port 10/100 Management Switch  
**ENS524RM-E:** 2 Gig-E RJ-45 copper ports + 24 port 10/100 Management Switch

## Expansion Modules:

ENM522-E: Multi-mode Gig-E SC Fiber Module  
ENM520-E: Single-mode Gig-E SC Fiber Module  
ENM521-E: Gig-E Copper RJ-45 Module

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