

[Get a Quote](#)

## Overview

SM-ES3G-16-P is 16 Gigabit Ethernet ports EtherSwitch Service Module for 2900-series, 3900-series router which has identical capacity to Catalyst 3560 series switch. SM-ES3G-16-P offers POE capacity that powers 20W per port; you can connect IP phones, wireless access points and IP-based video cameras from a single platform. The Cisco Enhanced EtherSwitch Service Modules offers cost-efficiency solution to meet branch office or small to midsize business offices needs with no requiring physical room.

## Quick Specification

Model	SM-ES3G-16-P
Gigabit Ethernet Ports	16
Layer 2/3 Switching	X
PoE	X
Service Module Width	Single
Default Software	Universal Image: IP Base
Minimum Cisco EtherSwitch and Cisco IOS Software Release	12.2(52)EX
Minimum Router Cisco IOS Software Release	15(0).1M
Dimensions: Wide x Deep x High (cm.)	20.6 x 20.7 x 4.0
Weight (kg.)	2.2

## Product Details:

### The Front Panel:



Get more information:

Do you have any question about the SM-ES3G-16-P?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Model	SM-ES3G-16-P
Minimum Cisco EtherSwitch and Cisco IOS Software Release	12.2(52)EX
Minimum Router Cisco IOS Software Release	15(0).1M
Dimensions: Wide x Deep x High (cm.)	20.6 x 20.7 x 4.0
Weight (kg.)	2.2
Operational Temperature	0 to 40 °C
Nonoperational Temperature	-40 to 70 °C
Operational Humidity	5 to 90%
Nonoperational Humidity	5 to 95%
Product Type	Cisco Enhanced EtherSwitch Service Module
Port Density	16 * 10/100/1000 GE ports
Power over Ethernet (PoE)	up to 20W per port
Routing Protocol	RIP-1, RIP-2, HSRP, static IP routing, RIPng
Remote Management Protocol	SNMP 1, SNMP 2, Telnet, SNMP 3, SNMP 2c, TFTP, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Supported router	2911 / 2921 / 2951 / 3925 / 3945



Service Module Width	single slot
Power Redundancy	RPS 2300
IP base feature	<ul style="list-style-type: none"> <li>• QoS</li> <li>• ACLs</li> <li>• Static Routing</li> <li>• RIP v1,v2</li> <li>• HSRP</li> </ul>
IP service feature	<ul style="list-style-type: none"> <li>• IP unicast and IP Multicast routing</li> <li>• EIGRP</li> <li>• OSPF</li> <li>• BGP</li> <li>• PIM</li> <li>• IPv6 routing</li> <li>• OSPFv3</li> <li>• EIGRPv6</li> <li>• IP SLA</li> <li>• VRF-lite</li> </ul>
Security Features	<ul style="list-style-type: none"> <li>• Dynamic ARP Inspection (DAI)</li> <li>• DHCP Snooping</li> <li>• IP Source Guard</li> <li>• Private VLANs</li> <li>• Unicast Reverse Path Forwarding (RPF)</li> <li>• IEEE 802.1x</li> <li>• Multidomain Authentication</li> <li>• MAC Authentication Bypass</li> <li>• Advanced ACLs</li> <li>• Administrative Traffic Protection</li> <li>• Switched Port Analyzer (SPAN)</li> <li>• Centralized Authentication</li> <li>• MAC Address Authentication</li> <li>• Port Security</li> <li>• Console Security</li> <li>• Bridge Protocol Data Unit (BPDU) Guard</li> <li>• Spanning-Tree Root Guard (STRG)</li> <li>• Dynamic VLAN Assignment</li> <li>• IGMP Filtering</li> </ul>
Software license	<ul style="list-style-type: none"> <li>• L-ES3G-16-IPS: IP Services License Upgrade 16 Port GE ES3 Enhanced EtherSwitch eDelivery</li> <li>• L-ES3: Upgrade Quantity license</li> </ul>



## Want to Buy

---

Get a Quote



[Learn More](#) about Hi-Network



[Search](#) our Resource Library



[Follow](#) us on LinkedIn



Contact for [Sales or Support](#)

## Contact HI-NETWORK.COM For Global Fast Shipping

---

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: [info@hi-network.com](mailto:info@hi-network.com)

Skype: echo.hinetwork

WhatsApp Business: +8618057156223