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Overview

The Cisco Enhanced EtherSwitch Service Modules SM-ES3G-24-P is router blade for the Cisco Integrated Services Routers Generation 2 (ISR2). SM-ES3G-24-P has 24 Gigabit Ethernet POE ports in IP base feature set which delivers identical switching capacity to catalyst 3560 series switch. The POE capacity supplies up to 20 Watts per port (ePOE), the Cisco EnergyWise technology provides energy efficient solution to reduce power consumption. The Cisco Enhanced EtherSwitch Service Modules offers cost-efficiency solution to meet branch offices or small to midsize business offices needs with no requiring physical room.

Quick Specification

Model	SM-ES3G-24-P
Gigabit Ethernet Ports	24
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-24-P?

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Specific Data Sheet:

Model	SM-ES3G-24-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	24 * 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"> • QoS • ACLs • Static Routing • RIP v1,v2 • HSRP
IP service feature	<ul style="list-style-type: none"> • IP unicast and IP Multicast routing • EIGRP • OSPF • BGP • PIM • IPv6 routing • OSPFv3 • EIGRPv6 • IP SLA • VRF-lite
Security Features	<ul style="list-style-type: none"> • Dynamic ARP Inspection (DAI) • DHCP Snooping • IP Source Guard • Private VLANs • Unicast Reverse Path Forwarding (RPF) • IEEE 802.1x • Multidomain Authentication • MAC Authentication Bypass • Advanced ACLs • Administrative Traffic Protection • Switched Port Analyzer (SPAN) • Centralized Authentication • MAC Address Authentication • Port Security • Console Security • Bridge Protocol Data Unit (BPDU) Guard • Spanning-Tree Root Guard (STRG) • Dynamic VLAN Assignment • IGMP Filtering
Software license	<ul style="list-style-type: none"> • L-ES3G-24-48-IPS: IP Services License Upgrade 24/48 Port GE ES3 Enhanced EtherSwitch eDelivery • L-ES3: Upgrade Quantity license



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HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: [echo.hinetwork](https://www.skype.com/people/echo.hinetwork)

WhatsApp Business: +8618057156223