ES-5240G+ V3

24-Port Gigabit Ethernet Web Smart Switch with 4 SFP Slots

The ES-5240G+ v3 is a cost-effective web-smart Ethernet switch which meets IEEE 802.3/u/x/z Gigabit Ethernet specifications. It's equipped with 24 gigabit ports, four SFP slots and a web-browser based management interface to monitor, configure and control the activity of each port. The switch is suitable for SMB applications and additionally features QoS (Quality of Service), port mirroring, VLANs, LAN security, multicast video streaming protocol and SNMP v1.

QoS with Four Priority Queues

The QoS (Quality Of Service) feature provides four internal queues to support four different classifications of traffic and operates at full wire speed. High priority packet streams experience less delays inside the switch, which supports lower latency for delay-sensitive traffic. The switch classifies packets as one of four priorities according to 802.1p priority tags, DiffServ and/or IP TOS. The actual scheduling at each egress port can be based upon a strict priority, weighted round robin or a mix of both.

Multicast VLAN Support

Multicast VLAN is designed for applications such as Digital Video Broadcasting (DVB) which use multicast traffic across an IP Ethernet network. The feature allows one single multicast VLAN to be shared among different subscriber VLANs on the network, improving bandwidth utilization by reducing multicast traffic in the subscriber VLANs and simplifying multicast group management.

802.1x Access Control for Improved Network Security

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FEATURES
• Complies with IEEE802.3/802.3u/802.3ab/802.3z Standards
• Supports IEEE802.3x Flow Control
• Supports IEEE802.1q Q-in-Q Tag VLAN
• Supports IEEE802.1p QoS
• Supports QoS with 4 Priority Queues
• Supports Port Mirroring
• Supports Per-Port Shaping, Policing and Broadcast Storm Control
• Supports Multicast/Broadcast/Unknown-Unicast Storm suppression
• Supports 8K MAC address entries
• Supports 9600 byte Jumbo Frames
• Supports 802.1x Network Access Security
• Provides Web-Based Management

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TECHNICAL SPECIFICATIONS

Standards	Features	Management Features
IEEE 802.3 10BASE-T	RJ-45 Ports: 24	LACP, RSTP
IEEE 802.3u 100BASE-TX	SFP Slots: 4	MAC Filtering
IEEE 802.ab 1000BASE-T	MAC Address: 8K	VLAN: Static VLAN: 256 up to 4K/Port-based VLAN/Tagged Based VLAN/Protocol-based VLAN
IEEE 802.3z 1000BASE-SX/LX	Buffer Memory: 500K	
IEEE 802.3x Full-duplex and Flow Control	Jumbo Frames: 9.6K	Link Aggregation: LACP/Static Trunk/Traffic Load Balancing - Max. 8 Group; Max. 8 Ports/Group
IEEE 802.1x Port-based Network Access Control	Transmission Method: Store and Forward	
IEEE 802.1Q VLAN		IGMP Snooping V1/V2
IEEE 802.3ad Link Aggregation		Trunk Groups: 8
IEEE 802.1d /w Spanning Tree Protocol		
IEEE 802.1p Class of Service, Priority Protocols		

QoS Features	Security	Power Requirement
Priority Queue: 8 Queues/Port	IEEE 802.1X: Port-based/Guest VLAN	100 to 240V AC, 50/60Hz
Rate Limit: Port-Based (Ingress/Egress)	Access Control List: MAC/IP/TCP/UDP	
Queue Scheduling: WRR/WFQ/Strict Priority	Port Security	
Class of Service: Port-based/Flow-based/802.1P	Storm Control	
	Port-based Many to One Mirroring	

Temperature	Dimensions / Weight	Certifications
Operating: 0 to 50℃	19" & 1U Rack Mountable	CE
Storage: -40 to 70℃	440 (W) x 44 (H) x 220 (D) mm	FCC
Operating: 10 to 90% RH (Non-Condensing)		