



Модуль Cisco NMD-36-ESW

NMD-36-ESW

Описание

16/36 10BaseT/100BaseTX Ports	Delivers up to 200 Mbps of bandwidth (full duplex) Layer 2; forwards and filters backflow at full wire speed on each port
Autosensing on each port	Detects the speed of the attached device and automatically configures the port for 10- or 100-Mbps operation
Integrated Switching	Provides fewer points of management for remote and small branch offices
Support for 802.1P QoS	Supports QoS based on the Institute of Electrical and Electronics Engineers (IEEE) class-of-service (CoS) and port-based prioritization, allowing the switch to change the CoS settings of tagged packets on a per-port basis
802.1Q Trunking	Allows the setup of separate VLANs with tagged and untagged framing; trunking is used to save ports when creating a link between two devices implementing VLANs
802.1D Spanning Tree (a Layer 2 link-management protocol that provides path redundancy while preventing undesirable loops in the network)	Simplifies network configuration and improves fault tolerance
Voice Virtual LAN (VLAN) feature for IP Phones	Enables phones to be placed into their own VLANs without the need for end-user intervention; a user can plug the phone into the switch, and the switch provides the phone with the necessary VLAN information
Port-Based Reclassification for Queues on each 10/100 that are Configurable using a Weighted Round Robin (WRR) Scheduler	Enables users to prioritize mission-critical traffic, such as VoIP and IP-based video applications over regular traffic
Media Access Control (MAC)-Based Port-Level	Prevents unauthorized stations from accessing the switch; Cisco



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Security	fully supports the entire set of Requests for Comments (RFCs)
Multifunction LEDs per Port for Port Status	Provide a comprehensive and convenient visual management system
Cisco IOS Command-Line Interface (CLI)	Provides configuration through Cisco IOS CLI and provides common user interface for all the router functions
Multicast Management Support	Offers Internet Group Management Protocol (IGMP) snooping in hardware for management support
Memory	Features 4-/8-MB shared-memory architecture that is shared across all ports
SNMP Management	Offers support for Simple Network Management Protocol (SNMP) Management Information Base (MIB) manageable via a MIB browser
Cisco Pre-standard Power over Ethernet (optional)	EtherSwitch with the external power chassis or internal power supply upgrades can power Cisco IP Phones and wireless access points

Общие

Тип устройства

Карты расширения

Поддерживаемый тип интерфейсов маршрутизатора

Интерфейсы 10/100Base-TX

Линейка Cisco

Модули SM, NM, NIM, EM, EVM