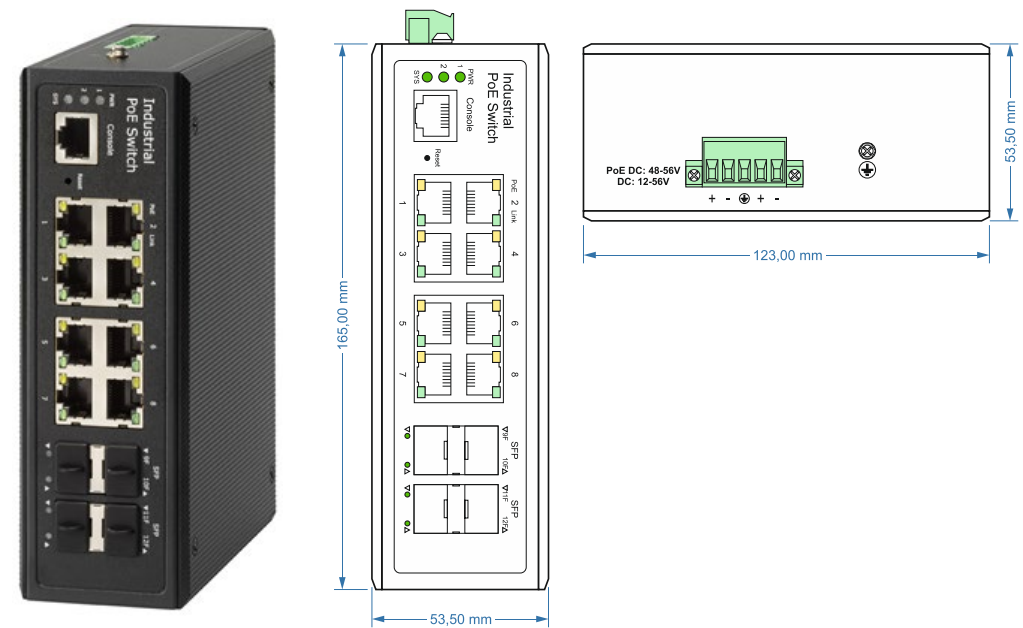


Обзор

NIS-3500-2408PGE представляет собой управляемый L2+ гигабитный коммутатор промышленного класса, который поддерживает 8 портов Ethernet 10/100/1000Base-T с PoE и 4 порта SFP аплинк. Имея прочный корпус для размещения на DIN-рейке, коммутатор предназначен для работы во многих приложениях с критическими условиями окружающей среды, таких как наружное видеонаблюдение, промышленные сети, защищенные системы передачи данных.

Ключевые характеристики

Полная поддержка уровня коммутации L2 и статической маршрутизации уровня L3
8 портов 10/100/1000 BASE-T 802.3at PoE | 4 порта 100/1000BASE-X SFP uplink
PSE 30W на порт (802.3at) | Бюджет PoE 240W
Корпус: защита IP30, монтаж на DIN-рейку, стену
Размеры : 165 x 123 x 53,5 mm | Рабочая температура: -40°C ~ +75°C



Размеры

Информация для заказа

NIS-3500-2408PGE Коммутатор L2+: 8 10/100/1000T 802.3at PoE | 4 SFP/1G uplink

> 8 портов 802.3at PoE > монтаж на DIN-рейку, стену > L2+/L3 functions

Технические характеристики

Standards Compliance	IEEE 802.3 /u /z /ab /x /ad /D /w /p /Q /ad /af /at /ah /ag
Interfaces	RJ45 Ports: 8 x 10/100/1000 BASE-T ports (auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection) PoE ports: 8 ports with 802.3af/at/bt PoE injector function SFP Slots: 4 x 100/1000BASE-X (FX/ SX/ LX/ BX) RJ45 console interface for basic management and setup Reset Button LED Indicators: Power/ PoE/ Ethernet/ SYS
Data Transfer Rate	Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex) Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex) Gigabit: 1000 Mbps (half duplex), 2000 Mbps (full duplex)
Switching	Switch Architecture: Store-and-Forward Switch Fabric: 24 Gbps non-blocking Throughput: 17.856 Mpps @ 64 bytes packet MAC Table Size: 8 K, automatic source address learning / aging Shared Data Buffer: 4.1 Mbits Flow Control: IEEE 802.3x full duplex / Back pressure half duplex Jumbo Frame: 9216 bytes
Power	Input: 48 - 56 VDC (PoE on), redundant inputs Input: 10 - 56 VDC (PoE off) Consumption: 9 W max. (without SFP & PDs) Overheating switch protection (port shutdown threshold) 4-pin removable terminal block Grounding point
PoE	PoE Pin Out Port 1-8: 802.3at: End-span 1/2(-), 3/6(+) Up to 30 W per port PD class detection PoE budget setup option PoE Power budget: 370 W (all temperature range) PoE port power feeding priority / scheduling / sequence Per port power limit Automatic PD Reboot/ Alive check PoE port status monitoring Soft-reboot PoE Non-stop
Layer 3 Functions	IPv4/v6 software static routing 32 routing entries/ Max. 8 VLAN IP interfaces
Port Configuration	Port disable/enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow control disable/enable

Технические характеристики

Port Status	Speed/ Duplex mode/ Link status
	Trunk/ Flow control/ Auto-negotiation Status
VLAN	IEEE 802.1Q tag-based VLAN
	Q-in-Q IEEE 802.1ad tunneling
	Port-based VLAN
	Voice VLAN
	Private VLAN (Protected Port)
	MAC-based VLAN
	Protocol-based VLAN
	VLAN Translation
	MVR (Multicast VLAN Registration)
	GARP/GVRP
	Up to 4K VLAN groups, out of 4094 VLAN IDs
QoS	8 priority queues per ports
	IEEE 802.1p CoS
	Port number
	802.1Q VLAN tag
	DSCP/TOS field in IP packet
	Strict priority and WRR policies
	Per port bandwidth control (Ingress/ Egress)
	DSCP remarking
	SWRR, DWRR for Scheduling
Multicast	IGMP v1/v2/v3 Snooping, Fast Leave
	IPv4/v6 IGMP querier mode support
	IPv6 MLD (v1/v2) snooping
	Up to 255 multicast groups
Link Aggregation	LACP (Dynamic Trunk/Static Trunk)
	Algorithm based on Source/Destination MAC
	Algorithm based on Source/Destination IP
Spanning tree	802.1D Spanning Tree Protocol (STP)
	802.1w Rapid Spanning Tree Protocol (RSTP)
	802.1s Multiple Spanning Tree Protocol (MSTP)
	BPDU Filtering/ BPDU Guard
	Loop Guard/ Root Guard/ TC-BPDU Guard
Ring	ITU-T G.8032 Ethernet Ring protection switching (ERPS)
	Fast Ring/ Proprietary Ring (Recovery time < 20ms)
Security	ACL
	IP/MAC based ACL
	MAC Address/ IP Address/ Ethertype/ Protocol Type/ VLAN ID/ DSCP/ 802.1p Priority based
	Up to 256 entries
	AAA
	RADIUS client
	TACACS/TACACS+ client
	Security
	Port Security
	DoS (Denial of Service)

Технические характеристики

Security	Security	ARP Association (Manual, ARP scanning, DHCP snooping)
		IP/MAC source guard
		CLI authority control
		DHCP Filter
		Guest VLAN
		Port Isolation
	Network Access Control	IEEE 802.1x port-based network access control
		MAC-based authentication
		Local/RADIUS authentication
	SSHv1/v2	
	SSLv2/SSLv3	
	TLS v1	
	Loopback detection	
	SNMP v3	
Management & Diagnostics		IPv4 and IPv6 dual stack management
		CLI, RS-232, Telnet, WEB interface
		Firmware & configuration upload/download (Dual Images)
		SNMP v1 and v2c switch management
		Remote syslog
		System log
		RMON (Group 1, 2, 3 & 9)
		IEEE 802.1AB-2005 Link Layer Discovery LLDP
		DHCP Client/Relay/Option 66/Option 67/Option 82
		UPNP
		UDLD
		Cable Diagnostics
		Ping
		Memory and CPU Monitoring
Port Mirroring		TX / RX / Both
		Many-to-1 monitor
		IEEE 1588v2 PTP (Precision Time Protocol) transparent clock mode
Time Synchronization		NTP/SNTP Client
Housing		IP30 Protection, DIN Rail/ Wall mounting
Operating Temperature		- 40 to 75 °C (-40 to 167 °F)
Operating Humidity		Max. 95 % non-condensing
Dimensions		165 x 123,5 x 53,5 mm
Weight		830 g
Protection		Surge: 6KV/6KV (8/20 us), standard: IEC61000-4-5
		ESD Level 4 Per: IEC61000-4-2; EFT Level 4 Per: IEC61000-4-4
Stability Testing		IEC60068-2-32 (free fall), IEC60068-2-27 (shock), IEC60068-2-6 (vibration)
Warranty		3 years (up to 5 years)