NS3553-4P-1T-2S
4 Port Industrial POE Ultra Managed Switch

Overview

For fast and efficient connectivity from the network edge to a backbone switch or server, the IFS® 4-Port Gigabit Ethernet Managed Switch by Interlogix features four Gigabit Ethernet ports with support for Ultra-PoE (60w) plus 1 Gigabit Ethernet port RJ-45 for uplink and 2 SFP ports. Both 100Base-X or 1000Base-X transmission is supported through two GBIC interfaces.

For efficient switch management, the Switch is easily programmable via a simple, yet powerful Web Interface.

Engineered for Real-time Performance

This switch is designed with a high performance non-blocking switch fabric and provides wire-speed throughput as high as 14 Gbps. The Switch classifies and prioritizes Layer 2 802.1p or Layer 3 IP TOS/DSCP traffic into four hardware queues that support strict or Weighted Round Robin (WRR) queuing algorithms. This functionality provides maximum allocation of limited network resources and guarantees best performance for real-time applications.

Full Power, Isolated per Port PoE

This Gigabit Ultra-PoE Managed Switch provides optimized deployment and safe power management to PoE edge devices such as IP Surveillance cameras, access control panels, wireless access points (WAP) and Voice over IP (VoIP). Full power PoE-Ultra (60w) is provided to all 4-ports with no power sharing, and added port circuit protection isolates and prevents power interference between ports.

Built-in Monitoring, Diagnostics and Trouble-shooting Tools

The Switch can be configured to monitor a connected PD (Powered Device) status in real-time via IP ping. If a PD (IP Camera or IP Access Reader) no longer responds to a ping, the switch will cycle PoE power on the port thus rebooting the PD back to operational status. This along with built-in cable diagnostics, and support for SNMP can greatly enhance the IT administrator's trouble-shooting and management abilities.
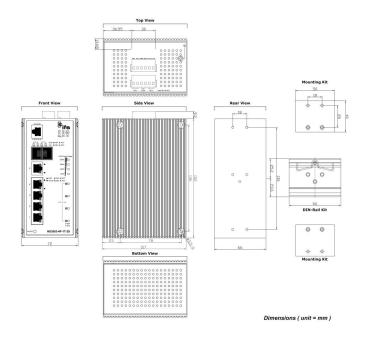

Dettagli

- 4-Port 10/100/1000Base-T RJ-45 with IEEE 802.3af / 802.3at / Ultra PoE (60W)
- 1-Port 10/100/1000Base-T RJ-45 uplink
- 2-Port 100/1000Base-X mini-GBIC/SFP slots, SFP type auto detection with digital diagnostics monitoring (DDM) functions.
- 1 x RS-232 console interface for basic management and setup
- Web-based, telnet, SSH, SSL and console command line management, IP address security management to prevent unauthorized intruder
- RADIUS / TACACS+ users access authentication
- Prevents packet loss with back pressure (half-duplex) and IEEE 802.3x pause-frame flow control (full-duplex) groups, out of 4K VLAN IDs
- IP-Based Access Control List (ACL), MAC-Based Access Control List, Source MAC / IP address binding
- Ingress/egress bandwidth control on each port
- Supports IGMP Snooping v1, v2 and v3, IGMP query mode for multicast media application and Multicast VLAN Registration
- Port mirroring to monitor the incoming or outgoing traffic on a particular port
- Supports LLDP to allow switch to advise its identification and capability on the LAN
- IPv4 and IPv6 IP Address / NTP / DNS management
- Cable Diagnostic technology provides the mechanism to detect and report potential cabling issues

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Specifiche tecniche

Generale

Anello veloce	Si (ERPS)
Controllo della tempesta	Broadcast, Multicast, Unicast
Sicurezza	802.1x, ACL, RADIUS, Source MAC / IP address binding
Snooping DHCP	Si
Uscita guasto relè	Si, con 2x ingressi digitali e 2x uscite digitali

Categoria

Categoria	Industriale
Gestione	Gestito
Gestito	Si (Layer 3 - Limited)
PoE	Si

Porte fisiche

No. di porte	5
Tipo porta	Gig
Velocità	Gigabit
Porta fibra	2 SFP
Supporto SFPs	S20/S25 series, S30/S35 series
Velocità SFP	100/1000

Cambia prestazioni

Tavolo Mac	8 K
Supporto Jumbo frame	9 K

Funzioni di livello 2

Snooping IGMP	255 Group, Snooping v1, v2, v3
Query IGMP	Si
VLAN, QoS	256, yes

Elettrico

Tipo di alimentatore	52 a 56 VDC

Fisico

Tipo di montaggio	barra DIN, Montaggio a parete

Ambientale

Ambiente	Interno

Regolatorio

Standard IEC	IEC60068-2-27 (shock), IEC60068-2-32 (free fall), IEC60068-2-6 (vibration)
Conformità	CE, FCC Part 15 Class A

Dimensions (unit = mm)

Last updated on 22 May 2023 - 16:19