

NS3553-4P-1T-2S

4-Port Gigabit Ultra-PoE Industrial Managed Switch.

Overview

For fast and efficient connectivity from the network edge to a backbone switch or server, the IFS® 16-Port Gigabit Ethernet Managed Switch by Interlogix features sixteen Gigabit Ethernet ports with support for Ultra-PoE (60w) plus 4 RJ45/SFP combo ports. Both 100Base-X or 1000Base-X transmission is supported through four 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 40Gbps. 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-af (15.4w) is provided to all 16-ports with no power sharing, and added port circuit protection isolates and prevents power interference between ports. In addition to standard IEEE 802.3af (15.4w), the IFS Gigabit Ultra-PoE Managed Switch provides support for up to 13 units of IEEE 802.3at (30w) PoE+ and up to 6 units for Ultra-PoE.

Built-in Monitoring, Diagnostics and Troubleshooting 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.



Détails

- 4-Port 10/100/1000Base-T RJ-45 with IEEE 802.3af / 802.3at / Ultra PoE (60W)
- 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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Spécifications techniques

Général

Fast ring	Oui (ERPS)
Contrôle orage	Diffusion générale, Multidiffusion, Diffusion individuelle
Sécurité	802.1x, ACL, RADIUS, Source MAC / adresse IP binding
Recherche DHCP	Oui
Sortie relais défaut	Oui, avec 2 x entrées numériques et 2 x sorties numériques

Catégorie

Catégorie	Industriel
Gestion	Géré
Géré	Oui (Layer 3 - Limited)
PoE	Oui

Ports physiques

Nombre de ports	5
Type de port	Gig
Vitesse	Gigabit
Port fibre	2 SFP
Prise en charge SFP	Série S20/S25, Série S30/S35
Vitesse SFP	100/1000

Performances des commutateurs

Table MAC	8 K
Jumbo frame support	9 K

Fonctions de la couche 2

Surveillance IGMP	255 groupe, Snooping v1, v2, v3
Requête IGMP	Oui
VLAN, QoS	256, oui

Électrique

Type de bloc d'alimentation	52 à 56 VCC
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Caractéristiques physiques

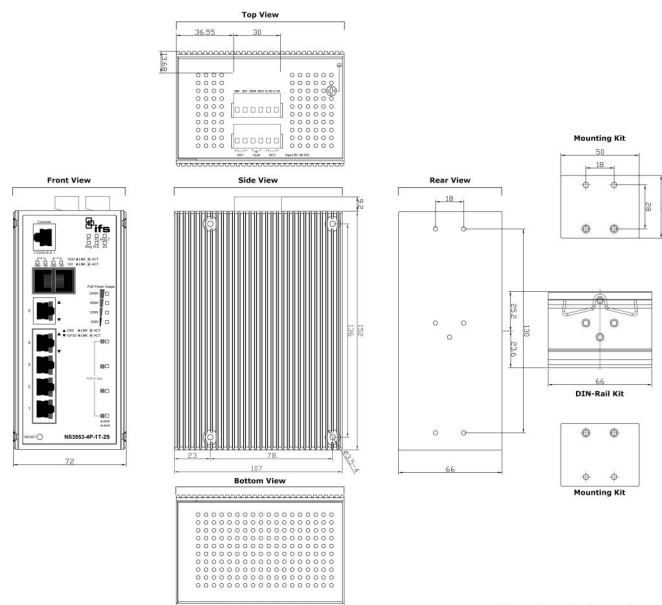
Type de montage	Rail DIN, Fixation murale
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Environnement

Environnement	Intérieur
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Régulateur

Normes IEC	IEC60068-2-27 (choc), IEC60068-2-32 (chute libre), IEC60068-2-6 (vibration)
Conformité	CE, FCC Part 15 Class A



Dimensions (unit = mm)



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