NS3562-8P-2S-V2

8-Port + 2-SFP Industrial Gigabit Managed PoE+ Flat Wall Mount Switch

Overview

The IFS® NS3562-8P-2S-V2 is an Industrial Gigabit PoE+Managed flat form factor Switch equipped with eight 10/100/1000Mbps RJ45 ports with PoE+ (30w) capabilities and two 100/1000Mbps SFP (fiber) uplink ports. These are fully managed Layer 2+ switches providing a robust industrial hardened design that provides for rapid operational recovery in the event of a network or power system failure.

Layer 2+ Managed Switch

The IFS Industrial Gigabit Managed Switch Series supports advanced features including IEEE 802.1Q VLAN, GVRP, port link aggregation, QoS, broadcast storm control and MAC address filtering. The series also includes IGMP snooping and querying multicasting for media operations and bandwidth utilization to fit a variety of applications.

Industrial-grade Network Redundancy and Recovery

Ideal for use in implementing highly fault-tolerant ring and mesh network architectures, these switches are well suited for harsh environments such as industrial security, factory automation and intelligent transportation systems (ITS).

Robust Hardened Design

With an IP-30 rated enclosure, IFS Industrial Gigabit Managed Switches provide a high level of immunity against electromagnetic (EMI) and radio-frequency (RFI) interference typically found in industrial environments. This series of switches comply with IEC60068-2-xx standards for free-fall, shock, and vibration and operate in -40° C to 75° C temperatures found in difficult environments such as plant floors or in curbside traffic control cabinets.

Dettagli

- Flat, wall mount form factor
- 8-port 10/100/1000Base-T with PoE+
- 2-ports SFP (fiber) 100/1000Base-X
- High-performance Switch Architecture
- Up to 20Gbps non-blocking switch fabric
- 9K bytes Jumbo frame support
- 8K MAC address table, automatic source address learning and aging
- IGMP (v1/v2/V3) Snooping, up to 255 multicast Groups with IGMP Querier mode support, and MLD (v1/v2) Snooping, up to 255 multicast Groups with MLD Querier mode support
- VLAN Support - up to 255 VLANs
- Quality of Service (QoS), 802.1p priority, 802.1Q VLAN tag, DSCP/TOS field in IP Packet
- MAC Filtering and Source IP/MAC address port-binding
- Complies with IEEE 802.3af / IEEE 802.3at Power over Ethernet / End-Span PSE and up to 8 IEEE 802.3af / 802.3at devices powered
- IP30 metal enclosure, DIN Rail and Wall Mount Design (complete with magnetic mounting kit)
- Wide operating temperature range of -40ºC ~ +75ºC

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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	No

Categoria

Categoria	Industriale
Gestione	Gestito (routing statico L3)
Gestito	Si
PoE	Si

Porte fisiche

No. di porte	8
Tipo porta	Gig
Velocità	Gigabit
PoE / PoE+	8 port PoE/8 port PoE+
Porta fibra	2
Supporto SFPs	S30/S35 series
Velocità SFP	100/1000

Cambia prestazioni

Cambia tessuto	20 Gbps
Velocità effettiva (Mpps)	14.88
Tavolo Mac	8 K
Supporto Jumbo frame	9 K

Funzioni di livello 2

Interfaccia di gestione	Console, Web, Telnet, SNMP 1,2,3, SSH/SSL secure access
Snooping IGMP	255 Group, Snooping v1, v2, v3
Query IGMP	Si
VLAN, QoS	256, yes
Lista controllo accessi	123 entries

Elettrico

Budget energetico PoE	220 W
Alimentazione ridontante	No
Tipo di alimentatore	52 a 56 VDC
Consumo di energia	200 W

Fisico

Dimensioni fisiche	178 x 25 x 134 mm
Peso netto	640 g
Colore	Nero
Materiale	Metallo
Tipo di montaggio	barra DIN, Montaggio a parete
Impilabile	No

Ambientale

Temperatura operativa	-40 to +75°C
Temperatura di immagazzinamento	-40 to -85 °C
Umidità relativa	0 to 95% (non-condensing)
Ambiente	Interno
IP rating	IP30

Regolatorio

IEC standard	IEC60068-2-27 (shock), IEC60068-2-32 (free fall), IEC60068-2-6 (vibration)

Standards Compliance

Regulatory Standards	FCC Part 15 Class A, CE
IEEE Standards (1)	IEEE 802.3 10 Base-T; IEEE 802.3u 100 Base-TX/100Base-FX; IEEE 802.3z Gigabit SXBX/LX/LHX/ZX; IEEE 802.3ab Gigabit 1000T; IEEE 802.3x Flow Control and Back pressure;IEEE 802.3ad Port trunk with LACP; IEEE 802.1d Spanning tree protocol
IEEE Standards (2)	IEEE 802.1w Rapid spanning tree protocol; IEEE 802.1s Multiple spanning tree protocol; IEEE 802.1p Class of service; IEEE 802.1Q VLAN TaggingIEEE 802.1x Port Authentication Network Control; IEEE 802.1ab LLDP
RFC Standards	RFC 768 UDP, RFC 793 TFTP, RFC 791 IP, RFC 792 ICMP, RFC 2068 HTTP, RFC 1112 IGMP Version 1, RFC 2236 IGMP Version 2
IEC Standards	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

Accessories

SFP (100Mbps)	S25 Series (wide-temp)
SFP (1000Mbps)	S35 Series (wide-temp)

Prodotti compatibili

Categoria	Riferimento	Descrizione
Alimentatori	PS48VDC480W-DIN	100-240V AC Input 48VDC 480W Power Supply with DIN rail mount

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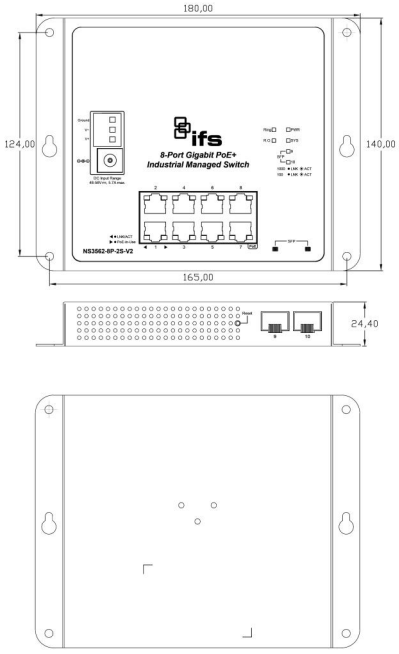

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