

# NS3562-8P-2S-V2

## Switch 8-Port + 2-SFP Industrial Gigabit Managed PoE+ Montagem em Parede

### 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.



### Detalhes

- 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 -40°C ~ +75°C

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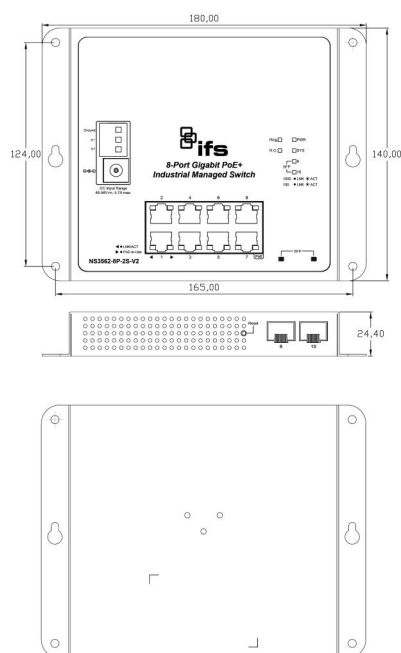
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### Especificações técnicas

<b>Geral</b>		<b>Ambiental</b>		
Fast ring	Sim (ERPS)	Temperatura de operação	-40 to +75 °C	
Storm control	Broadcast, Multicast, Unicast	Temperatura de armazenamento	-40 to -85 °C	
Segurança	802.1x, ACL, RADIUS, Source MAC / IP address binding	Humidade relativa	0 to 95% (non-condensing)	
DHCP snooping	Sim	Ambiente	Interior	
Saída Falha por relé	Não	Classificação IP	IP30	
<b>Categoria</b>		<b>Regulamentação</b>		
Categoria	Industrial	IEC standard	IEC60068-2-27 (shock), IEC60068-2-32 (free fall), IEC60068-2-6 (vibration)	
Gestão	Com gestão (Routing L3 estático)	<b>Standards Compliance</b>		
Gerido	Sim	Regulatory Standards	FCC Part 15 Class A, CE	
PoE	Sim	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	
<b>Portos físicos</b>		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 Tagging; IEEE 802.1x Port Authentication Network Control; IEEE 802.1ab LLDP	
Nr. de portos	8	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	
Tipo de porto	Gig	IEC Standards	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)	
Velocidade	Gigabit	<b>Accessoires</b>		
PoE / PoE+	8 port PoE/8 port PoE+	SFP (100Mbps)	S25 Series (wide-temp)	
Porta de fibra	2	SFP (1000Mbps)	S35 Series (wide-temp)	
SFPs Suportados	Séries S30/S35	<b>Produtos compatíveis</b>		
<b>Desempenho do switch</b>		<b>Categoria</b>	<b>Referência</b>	<b>Descrição</b>
Material do switch	20 Gbps	Fontes de Alimentação	PS48VDC480W-DIN	Fonte Alimentação Calha DIN 48VDC 480W
Throughput (Mpps)	14.88			
Tabela Mac	8 K			
Suporte Jumbo frame	9 K			
<b>Funções da camada 2</b>				
Interface de gestão	Console, Web, Telnet, SNMP 1,2,3, SSH/SSL secure access			
IGMP snooping	255 Group, Snooping v1, v2, v3			
IGMP query	Sim			
VLAN, QoS	256, sim			
Lista de controlo de acessos	123 entries			
<b>Elétrica</b>				
Potência Total PoE Disponível	220 W			
Fonte redundante	Não			
Tipo de fonte de alimentação	52 a 56 VDC			
Consumo de energia	200 W			
<b>Físico</b>				
Dimensões físicas	178 x 25 x 134 mm			
Peso líquido	640 g			
Cor	Preto			
Material	Metal			
Tipo de montagem	Calha DIN, Montagem em parede			
Empilhável	Não			

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