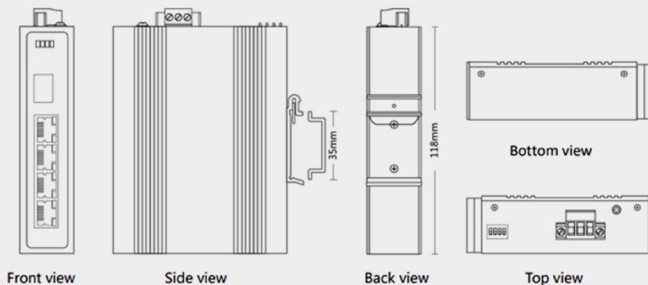


Overview :

The Industrial Ethernet Switches (NW-IS-5Tx) is an advanced networking solution specifically engineered to thrive in industrial settings. Boasting a suite of robust features and state-of-the-art technologies, the (NW-IS-5Tx) delivers dependable and secure connectivity for diverse industrial applications.

Whether in the realm of intelligent transportation, telecommunications, security, or other industrial sectors, this device offers high-performance networking tailored to the unique demands of industrial environments.

Dimensions :



Applications:

- The Industrial Ethernet Switches (NW-IS-5Tx) are suitable for intelligent transportation, telecommunications, security, and industrial data transmission.
- The (NW-IS-5Tx) enhances network reliability and safety in industrial environments, making it ideal for use in diverse industrial settings.

NW-IS-5Tx :



Feature :

- The Industrial Ethernet Switches (NW-IS-5Tx) are engineered to withstand harsh industrial environments
- Capable of transmitting data over long distances, with support for twisted-pair cables up to 100m in length (CAT5e, CAT6)
- Compatible with a variety of network topologies, including star, bus, tree, and hybrid configurations
- Provides Layer 2 switching with a switching capacity of 14G and a packet forwarding rate of 10.416Mpps
- Equipped with surge protection for both power and Ethernet ports, as well as ESD protection
- Compliant with various authentication standards, including CCC, CE, FCC, and RoHS
- Features a fanless design with natural cooling and can operate in temperatures ranging from 30°C to +75°C
- Compact and lightweight, the (NW-IS-5Tx) can be easily installed using DIN-rail mounting.



NEO WAVE®

Specification :

Provider Mode Ports

Fixed port	NW-IS-5Tx
Power interface	Phoenix terminal, dual power supply
LED Indicators	P1/P2, OPT

DIP Switch

1 LFP	Reserve
2 LGY	LEGACY (Standard & Non-standard PoE)
3 VLAN	Port Isolation
4 BSR	Storm Control Configuration

Cable Type & Transmission Distance

Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	/
Multimode optical fiber	/

NetworkTopology

Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support

Electrical Specifications

Input voltage	DC12~58V
TotalPower consumption	<5W

Layer 2 Switching

Switching capacity	1G
Packet forwarding rate	0.744Mpps
MAC address table	2K
Buffer	768K
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo frame	2K bytes
Storm Control	Support
Port-Isolation	Support
Remote PD Reset	Support

Environment

Operating temperature	-30°C~+75°C
Storage temperature	-30°C~+75°C
Relative humidity	10%~90% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product size	91*118*31mm (W×H×D)
Installation Method	DIN-rail
Weight	0.36KG around

EMC & Ingress Protection

IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)

Authentication

Authentication	Authentication CCC/CE/FCC/RoHS
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Accessories

Accessories	Device, Terminals, Specification, Certificate Adapter(optional)
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Optional Model

XPTN-9000-65-5TX-mini	5*10/100M RJ45 Port
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