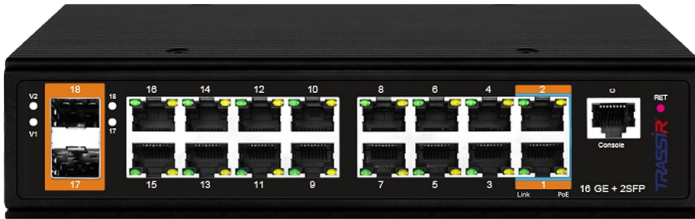




## DATASHEET TRASSIR TR-NS25182S-600-16POE



**TR-NS25182S-600-16POE** is a managed industrial switch with 16 PoE 10/100/1000 Mbps PoE ports with the ability to power up the connected devices via twisted pair up to 250m and mounting for switching cabinets.

### Basic equipment

- Switch ..... 1pcs.
- DIN rail mounting kit ..... 1pcs.
- Datasheet ..... 1pcs.

### Warranty service

- Three-year warranty service from the date of sale.
- In case of the warranty card absence, the warranty period is determined from the date of sale. You can check the detailed description of the device settings in user guidelines on our web site [www.trassir.com](http://www.trassir.com).

# Specification

<b>Model</b>	TR-NS25182S-600-16POE	
<b>Ethernet ports<sup>1</sup></b>	16 x 10/100/1000 Mbps (Base-TX) 2 x 100/1000 Mbps (Base-SX/LX) 1 x Console (DB9 F/M)	
<b>PoE Standards</b>	Ports 1-2: IEEE802.3af/at/bt	Ports 3-16: IEEE802.3af/at
<b>Maximum capacity per port</b>	Total: 600W Ports 1-2: up to 90W	Ports 3-16 up to 30W
<b>Power pinout via PoE</b>	Ports 1-2: DC+: 1/2/4/5 DC-: 3/6/7/8	Ports 3-16: DC+: 1/2 DC-: 3/6
<b>Switching capacity</b>	128 Gbps	
<b>Transmission speed</b>	40.32 Mpps	
<b>Buffer size</b>	4 Mb	
<b>MAC addresses table size</b>	8000	
<b>Stream management</b>	Enabled by default	
<b>Data transmission range</b>	Up to 250 m (transmission speed – 10 Mbps)	
<b>Function</b>	Normal mode VLAN CCTV	
<b>PD Alive<sup>2</sup></b>	Supported. The port restarts 180 seconds after device connection loss. Adjustable restart delay period of 30-600 seconds.	
<b>Power Input</b>	Only network: DC12-57V PoE: DC40-57V	
<b>Lightning protection</b>	Standard mode 6kV Differential mode 4kV	
<b>Electrostatic discharge protection</b>	Air discharge 8kV Contact discharge 10kV	
<b>Maximum power consumption</b>	615W	
<b>Mounting</b>	DIN rail	
<b>Working temperature</b>	-40°C...80°C	
<b>Permissible humidity level</b>	5 – 90%	
<b>Weight, kg</b>	1.56	
<b>Dimensions (W xD x H), mm</b>	208 x 130 x 50	

<sup>1</sup> Default network parameters(IP address: 192.168.0.1, user name: admin, password: admin).

<sup>2</sup> For more details, see the user manual for the device.

## Software features

<b>Transmission range, cable type</b>	10BASE-T: Cat6, Cat6e UTP(≤250m) 100BASE-TX: Cat5 or UTP(≤100m) 1000BASE-TX: Cat6 or UTP(≤100m) 1000BASE-SX: 62.5μm/50μm MMF(2m~550m) 1000BASE-LX: 62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
<b>VLAN</b>	Port-based VLANs, VLAN quantity: 4096, 802.1Q VLAN
<b>Reliability</b>	STP support RSTP support MSTP support
<b>Port management</b>	Port Mirror (many-to-one port mirroring), Port Isolation, Port Flow Control: Half duplex, Full Duplex, Cable Sequence: auto-MDIX, automatic identification of straight and cross cables, Negotiation Mode: automatic support on ports
<b>IGMP Snooping</b>	IGMP v1/2/3 tracking support MLD v1/2 support GMRP Protocol Registration support
<b>Security</b>	MAC, IP, port binding support, ACL based on IP and MAC support
<b>QoS</b>	802.1p port queue priority algorithm COS/TOS support WRR queue scheduling WRR, SP, and WFQ scheduling models support
<b>Network management</b>	SSH, Telnet, TFTP support SNMP v1/v2/v3 support RMON v1/v2 support RMON management support
<b>Service</b>	Update file download System log file Factory Configuration Restore

DATE OF SALE

DEVICE SERIAL NUMBER