DATASHEET
TRASSIR TR-NS29284S-400-24PoE

TR-NS29284S-400-24PoE is a managed switch with 24 PoE 10/100/1000 Mbps PoE ports and 4 SFP 10 Gbps ports with the ability to power up the devices connected by a twisted pair.

Basic equipment

- Switch .... 1pcs.
- Power cable .... 1pcs.
- Rack mounting kit .... 1pcs.
- Quick User Guide .... 1pcs.
- Datasheet .... 1pcs.
- Package .... 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.

Specification

Model	TR-NS29284S-400-24PoE	
Ethernet ports[1]	24 x 10/100/1000 Mbps (Base-TX) SFP 4 x 100/1000/2500/10000 Mbps 1 x Console	
PoE standards	Ports 1-2: IEEE802.3af/at/bt	Ports 3-24: IEEE802.3af/at
Maximum capacity per port	Total: 400W	
	Ports 1-2: up to 90W	Ports 3-24: up to 30W
Power pinout via PoE	Ports 1-2: DC+: 1/2/4/5 DC-: 3/6/7/8	Ports 3-24: DC+: 1/2 DC-: 3/6
Switching capacity	256 Gbps	
Transmission speed	95.23Mpps	
Buffer size	12 Mb	
MAC addresses table size	16000	
Stream management	Optional	
Data transmission range	Ports 1–24: up to 250 m (10Base-T) Cat3/4/5 UTP (PoE/Data) Ports 1–5: up to 100 m (100Base-T / 1000Base-T) Cat3/4/5 UTP (PoE/Data) Ports 25–28: up to 550 m (1G/2.5G/10G Base-SX/LX) MMF/MM (Data)	
Function	Normal mode VLAN CCTV	
PD Alive[2]	Supported. The port restarts 180 seconds after device connection loss	
Power Input	Built-in LED AC 100~240V 50/60Hz	
Lightning protection	Standard mode 6кV Differential mode 3кV	
Electrostatic discharge protection	Air discharge 10кV Contact discharge 8кV	
Maximum power consumption	415W	
Mounting	DIN rail	
Working temperature	-10ºC...55ºC	
Permissible humidity level	5 – 90%	
Weight, kg	3.45	
Dimensions (W xD x H), mm	440 x 290 x 45	

[1] Default network parameters(IP address: 192.168.0.1, user name: admin, password: admin).
[2] For more details, see the user manual for the device.

Software features

Transmission range, cable type	10BASE-T: Cat3/4/5 UTP (≤250 m) 100BASE-TX: Cat3/4/5 UTP (≤100 m) 1000BASE-TX: Cat3/4/5 UTP (≤100 m) 1000/2500/10000BASE-SX/LX: MMF/MM (2 m ~ 550 m)
VLAN	Port-based VLANs, VLAN quantity: 4096, IEEE 802.1Q VLAN
Reliability	STP support RSTP support MSTP support
Port management	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
IGMP Snooping	IGMP v1/2/3 tracking support MLD v1/2 support GMRP Protocol Registration support
Security	MAC, IP, port binding support, ACL based on IP and MAC support
QoS	802.1p port queue priority algorithm COS/TOS support WRR queue scheduling WRR, SP, and WFQ scheduling models support
Network management	Console, Telnet, TFTIP support SNMP v1/v2/v3 support RMON v1/v2 support RMON management support
Service	Update file download System log file Factory Configuration Restore
L3 functions	ARP, Static Routing (Ipv4), Inter-VLAN Routing, RIP v1/v2, OSPF v2 (Ipv4), ECMP, VRRP (RFC 5798), PIM-SM, DHCP Server, DHCP Relay

DATE OF SALE

DEVICE SERIAL NUMBER