

DIGITUS® 8 port Gigabit Ethernet network PoE switch, industrial, L2 managed, 4 SFP uplink

DN-651139

EAN 4016032489238



Industrial 8+4 L2 managed Gigabit Ethernet PoE Swi 8 Port PoE GE RJ45, 4 Port GE SFP

The DN-651139 Industrial network switch provide 8 x 10/100/1000Mbps RJ45 ports and 4 Gigabit Combo ports. The RJ45 ports from 1-8 support PoE power supply with a maximum of 30W for each port. DN-651139 offers excellent security policy, QoS policy, and rich VLAN function. Additionally, it has a ring network function that allows you to set up a ring network. With this feature, the switches form a ring network topology manually. The ring network is redundant, highly reliable, and won't affect data forwarding in case a link is broken. The device is designed with a no-fan, low power consumption design, making it easy to use, compact, and beautiful. It is also simple to install. The product meets Ethernet standards, has lightning protection, static protection mechanisms, and operates in a temperature range of -40°C to 75°C. This guarantees stable performance, safety, and reliability. V1 can be widely used in various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, among others.

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- Supported standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at
- Interface: 8*10/100/1000Mbps RJ45 ports, 4*10/100/1000Mbps combo, 1 console port
- Indicator: PWR, LNK/ACT, PoE, SYS
- Network media: 10BASE-T: UTP category 3, 4, 5 cable (Ø100m), 100BASE-TX: UTP category 5, 5e cable (Ø100m), 1000BASE-T: UTP category 5e, 5 cable (Ø100m), 1000BASE-X: MMF, SMF
- MAC address table: 8K, auto-learning, auto-update
- Jumbo Frame: 9216byte
- Packet buffer: 4.1M Bit
- Transfer mode: Save-and-forward
- Packet forwarding speed: 17.86Mpps
- Switching capacity: 24Gbps
- Dimensions: (length*width*height): 145*109*62mm
- Number of fans: Fanless
- Power supply: 200W
- PoE power budget: 185W
- PoE connection: Connection1-8
- PoE power on RJ45: Mode A 1/2(-), 3/6(+)
- PoE power output: 30W(MAX)
- Green energy saving: IEEE 802.3az
- Input power supply: DC:48-57V

- Operating temperature: -40°C ~ 75 °C
- Storage temperature: -40°C ~ 80 °C
- Humidity during operation: 5% ~ 95% non-condensing
- Humidity during storage: 0% ~ 95% non-condensing
- Overvoltage protection: differential mode ±2KV, common mode ±6KV
- MTBF: >100000 hours
- Electrostatic standard: contact ±6KV, air ±8KV
- Software specification: Spanning Tree, IEEE 802.1D -Spanning Tree, IEEE 802.1w -Rapid Spanning Tree, IEEE 802.1s -Multiple Spanning Tree, BPDU Guard, STP Root Guard, Loop Detection
- VLAN: Management: VLAN, Private VLAN, Voice VLAN, Surveillance VLAN, Q-in-Q (Double Tag), 802.1v Protocol VLAN, MAC-Based VLAN, Port IEEE 802.3ad with LACP(Dynamic), Static Trunk IEEE, Jumbo Frame, Error-Disable, IGMP Snooping: IGMP Snooping v1/v2/v3, MLD Snooping v1/v2, MVR, QoS Features, Hardware Queues, Class Of Service, Port Based, 802.1p, CoS, DSCP, IP Precedence, TCP/UDP (IPv4/IPv6), Rate Limiting Ingress Egress, Priority Queue Scheduling, WRR, Strict Priority, DSCP & CS, IPv4 QoS (QCEs)
- L2+/L3/L4, IPv6 support, Management Access List, Management ACL/Management ACE, IP Source Guard (IP-MAC-Port-VLAN binding)
- IP Source Guard (IP-MAC port binding), dynamic ARP checking, storm control, RADIUS/TACACS+, RADIUS authentication (RFC2138), DDos prevention, HTTPs and SSL (secured web), SSH v1.5/v2.0 (secured Telnet session)
- DHCP snooping, DHCP relay, administration, SNMP (v1, v2c, v3), RMON (1, 2, 3 & 9 groups), software upgrade, configuration export/import
- Event/error protocol: Syslog, management access filtering, console, SNMP, HTTP/HTTPS, Telnet, port mirroring, LLDP (IEEE802.1AB), LLDP-MED, UDLD, DNS client, traceroute, ping, cable test, DDML, NTP/ SNTP (RFC2030)
- IPv6 support: Dual IPv6/IPv4 stack, IPv6 Web/SSL, IPv6 SNMP (Simple Network Time Protocol), IPv6 Telnet / SSH, IPv6 Ping/Trace Route, IPv6 TFTP, IPv6 RADIUS/TACACS+, IPv6 SNMP,
- PoE management: port configuration, alive check for PD

Attributes

- Number of ports: 8
- PoE standard: IEEE802.3at (PoE+)
- Industrial usage: yes
- Managed: yes
- Number of ports (Uplink): 4

- Outdoorsuitable: no
- PoE (Power over Ethernet): yes
- Protection against vandalism: no
- VLAN: yes

Package contents

- 8-Port Gigabit + 4G Combo Industrial Fast Ring Managed PoE Switch
- Manual

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	8	11.88	40.50	37.00	25.00	37,462.50
Packaging Unit Inside	1	1.48	23.40	19.00	8.60	3,823.56
Packaging Unit Single	1	1.48	23.40	19.00	8.60	3,823.56
Net single without Packaging	1	1.22	23.40	19.00	8.60	3,823.56

More images:

Safety notes

- This product is intended for indoor use only.
- Read all instructions and follow all warnings and instructions on the device.
- Do not place this appliance on an unstable surface (such as a trolley, stand, table, etc.).
- Do not use this appliance near water.
- Do not place this appliance near or above a radiator.
- The housing is equipped with openings for heat dissipation and ventilation. To prevent overheating during operation, the ventilation openings must not be blocked or covered.
- Do not place the appliance on a soft surface (e.g. bed, sofa, blanket, etc.). This will block the ventilation.
- The appliance must not be installed in a closed environment if adequate ventilation is not guaranteed.
- Do not spray any liquids onto the appliance.
- Disconnect the mains plug before cleaning. Do not use any liquid or foam cleaners.
- Clean the appliance with a damp cloth.
- Connect the device according to the power supply on the rating plate.
- To prevent damage to the appliance, it is important that all appliances are properly earthed.
- Do not place any objects on the power cable and lay it in such a way as to avoid tripping hazards.
- Use a surge protector, a regulator or an uninterruptible power supply (UPS) to protect your system from sudden, temporary and reduced power.
- Secure the system cable and mains cable properly and ensure that no objects are pressing on the cable.
- Do not insert any objects into the appliance through the openings in the housing. There is a risk of a short circuit, which can lead to fire or electric shock.
- Do not attempt to repair the appliance yourself. Always contact an authorized customer service centre.
- If any of the following conditions occur, unplug the appliance and send it to an authorized service centre for repair
 - The mains cable, power supply unit or plug for the power supply is damaged or worn;
 - Liquid has penetrated the appliance;
 - The device has been exposed to rain or water;
 - The device has been dropped or the housing has been damaged;
 - The function of the device has obviously changed;
- The appliance cannot be operated as described in the operating instructions.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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