DIGITUS® Industrial 8 + 4 10G uplink port L3 managed Gigabit Ethernet PoE switch

DN-651161

EAN 4016032490258



Ind. 8+4SFP+PortL3 managed Gigabit Ethernet PoE Sw 8 x GE RJ45 +4 SFP+ Port, PoE

"The DN-651161 is a high performance L3 8 port RJ45 + 4 port SFP+ (10G) uplink industrial switch specifically designed to meet the needs of demanding network environments. With an impressive backplane data transfer rate of 1.2 terabits per second (1.2 Tbps), it enables lightning-fast and reliable communication between your devices. Whether you are in the manufacturing industry, industrial IoT or critical infrastructure, the DN-651161 is the perfect solution for stable and efficient network connectivity.

The DN-651161 is a high-performance industrial PoE switch that meets the highest demands in terms of performance, reliability and flexibility.

- Supports IEEE802.3x flow control and backpressure
- Supports store-and-forward technology for optimized data transmission
- Automatic detection/adjustment of speed and half/full duplex
- Supports PoE according to standardIEEE802.3af/at (up to 30W)
- Bandwidth: 1.2 Tbps
- Packet forwarding size: 32 Mbit/s
- Size of the MAC address table: 32 K
- Jumbo frame rate : 10240 bytes
- ESD protection: 8 kV
- EFT protection: 8 kV
- Metal housing, IP40
- 4 kV lightning and surge protection
- Redundant power supply with reverse polarity protection function
- Power supply: 48 to 56 V (DC)
- Power consumption: < 18 W
- Removable terminal connection
- Protection class: IP40
- Dimensions: 175.6 x 135 x 45.5 mm
- Weight: 0.8 kg
- Operating temperature: -40 to 80 ° C
- Storage temperature: -40 to 80° C
- Humidity: 5% to 95% (non-condensing)
- MTBF: 300,000
- Port functions: IEEE 802.3x flow control, interface counter, storm control, link aggregation, static aggregation, dynamic aggregation, LACP
- Data control: Support for 802.3X full-duplex flow control, support for network storm suppression
- Redundant network: support for STP/RSTP/MSTP, support for ERPS (self-healing time <20ms)
- Multicast management: Support for IGMP Snooping V1/V2/V3
- Redundancy backup: supports the virtual route redundancy protocol VRRP
- VLAN: Support of IEEE 802.1Q VLAN, effective isolation of the broadcast domain
- Link aggregation: Supports static/dynamic link aggregation, offers perfect bandwidth utilization
- QOS: Support for COS\DSCP, 4 queues, support for WRR\SP planning mode
- System information: Global information, statistics, log,
- Port management: port configuration, port isolation, port mirroring, port limit, storm control, EEE (Energy Efficiency Ethernet)
- Basic Layer 2 management: MAC table, VLAN, GVRP, link aggregation, MSTP configuration, ERPS, Loop Protect, PTP, DHCP snooping, 802.1X
- Layer 3 Config: Interface configuration, route configuration, ARP, ND configuration, DHCP server, DHCP relay, RIP, OSPF, RIPng, OSPFv3,
- Multicast management: IGMP Snooping, MLD Snooping, IP Multicast, IGMP
- Advanced setting: QOS, ACL, SNMP, RMON, LLDP, NTP, Secure
- System management: user configuration, network, service configuration, configuration management, firmware upgrade, diagnostics, restart
- Various other L2/ L3 functions
- Total PoE budget: 200 W

Attributes

- Number of ports: 8
- PoE standard: IEEE802.3af (PoE)
- Ethernet speed: Gigabit
- Power output: 24 W
- Industrial usage: yes
- Managed: yes
- Number of ports (Uplink): 4
- Outdoorsuitable: no
- PoE (Power over Ethernet): yes
- Protection against vanadlism: no
- Uplink port connection: SFP
- VLAN: yes

Package contents

- Industrial PoE network switch
- QIG

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	12	13.67	46.50	39.50	24.00	44,082.00
Packaging Unit Inside	1	1.14	0.00	0.00	0.00	0.00
Packaging Unit Single	1	1.14	7.25	18.60	20.80	2,804.88
Net single without Packaging	1	0.80	45.50	13.50	17.60	0.00

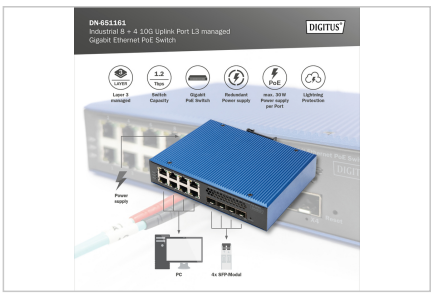
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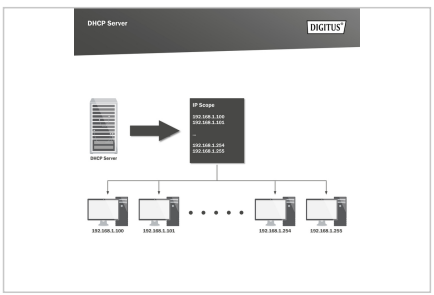












Safety notes

- 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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