

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

DN-651160

EAN 4016032490241



Ind. 8+4SFP+PortL3 managed Gigabit Ethernet Switch 8 x GE RJ45 + 4 SFP+ Port

The DN-651160 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 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-651160 is the perfect solution for stable and efficient network connectivity. Robust and reliable: The DN-651160 is housed in a resistant metal housing and meets the IP40 protection class, which secures it against the ingress of dust and foreign bodies. It also has 4 kV lightning and surge protection to protect your network from unexpected electrical interference and ensure reliable performance. Flexible and space-saving: With its DIN rail mounting (top-hat rail), the DN-651160 can be easily integrated into your control cabinet to save space. The redundant power supply with reverse polarity protection guarantees uninterrupted operation, even in the event of power failures or faulty cabling. Extensive network functions: The DN-651160 offers a wide range of functions to optimally configure and manage your network. From basic Layer 2 management functions such as MAC table management, VLAN configuration and link aggregation to advanced Layer 3 settings such as routing protocols (RIP, OSPF, OSPFv3), multicast management (IGMP snooping, MLD snooping) and virtual routing redundancy protocol (VRRP) - this switch covers all important aspects of your network. Efficiency and quality assurance: The DN-651160 supports Quality of Service (QoS), which enables prioritization of data traffic and ensures optimal use of bandwidth. The support of COS/DSCP and the 4 queues guarantee reliable data transmission even in heavily loaded networks. In addition, the switch offers comprehensive system management, including SNMP, RMON and LLDP, to easily monitor the status of your network and perform effective fault diagnosis. Highly configurable: The DN-651160 allows extensive configuration of your network, including ACL (Access Control List) for enhanced security, multicast management for efficient data transmission to multiple receivers, and much more.

The DN-651160 is a high-performance industrial 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
- 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: 12 to 48 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

Attributes

- Number of ports: 8
- Ethernet speed: Gigabit
- Industrial usage: yes
- Installation type: DIN rail
- Managed: yes

- Number of ports (Uplink): 4
- Outdoorsuitable: no
- PoE (Power over Ethernet): no
- Protection against vandalism: 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)	cm ³
Packaging Unit Carton	20	10.30	22.50	39.00	46.50	40,803.80
Packaging Unit Inside	1	515.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	515.00	7.25	18.60	20.80	2,804.88
Net single without Packaging	0	0.70	45.50	13.50	17.56	10,786.20

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