Datasheet

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 powerful L3 8 Port RJ45 + 4 port SFP+ (10G) Uplink industrial switch designed specifically to meet the demands 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're in manufacturing, 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 durable metal enclosure 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, which protects your network from unexpected electrical interference and ensures 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 traffic prioritisation and ensures optimal bandwidth utilisation. The support of COS/DSCP and the 4 queues guarantee reliable data transmission even in highly loaded networks. In addition, the switch provides 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 more."

The DN-651160 is a high-performance industrial switch that fulfils 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 speed and half/full duplex detection/adjustment
- 1,2 Tbps
- 32 Mbps
- 32 K
- 10240 bytes
- 8 kV
- 8 kV
- Metal housing, IP40
- 4 kV lightning and overvoltage protection
- Suitable for DIN rail mounting (top hat rail)
- 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 features: IEEE 802.3x flow control, interface counter, storm control, link aggregation, static aggregation, dynamic aggregation, LACP
- Data control: support 802.3X full-duplex flow control, support network storm suppression
- Redundant network: support STP/RSTP/MSTP, support ERPS (self-healing time <20ms)
- Multicast management: support IGMP Snooping V1/V2/V3
- Redundancy backup: supports the virtual route redundancy protocol VRRP
- VLAN: Support IEEE 802.1Q VLAN, effectively isolate the broadcast domain
- Link aggregation: support link static/dynamic aggregation, providing perfect bandwidth utilization
- QOS: Support COS\DSCP, 4 queues, support WRR\SP scheduling mode
- System Information: Global Information, Statistics, Log,
- Port Management: Port Config, Port Isolate, Port Mirror, Port Limit, Storm Control, EEE(Enery-Efficient-Ethernet)
- Basic Layer 2 Management: MAC Table, VLAN, GVRP, Link aggregation, MSTP Configration, ERPS, Loop Protect, PTP, DHCP-snooping, 802.1X
- Layer 3 Config: Interface Config, Route Config, ARP, ND Config, DHCP Server, DHCP Relay, RIP, OSPF, RIPng, OSPFv3,
- Multicast Management: IGMP Snooping, MLD Snooping, IP Multicast, IGMP
- Advance Setup: QOS, ACL, SNMP, RMON, LLDP, NTP, Secure

- System Management: User Config, Network, Service Config, Configration management, Firmware Upgrade, Diagnostic, Restart
- Various other L2/ L3 features
- Number of ports: 8
- Ethernet speed: Gigabit
- Industrial usage: yes
- Managed: yes
- Number of ports (Uplink): 4
- Outdoorsuitable: no
- PoE (Power over Ethernet): no
- Protection against vanadlism: no
- Uplink port connection: SFP
- VLAN: no

Package contents

- industrial networkswitch
- QIG

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	10.30	22.50	39.00	46.50	40,803.80
Packaging Unit Inside	1	0.52	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.52	7.25	18.60	20.80	2,804.88
Net single without Packaging	1	0.70	45.50	13.50	17.60	0.00

More images:









