Datasheet

DIGITUS Industrial 8+2-Port L2 managed Gigabit Ethernet PoE Switch

DN-651157
EAN 4016032490210

Ind. 8+2-Port Gigabit L2 managed Ethernet POE Swit 8 x GE RJ45 + 2 SFP Port, IEEE802.3at (30W)

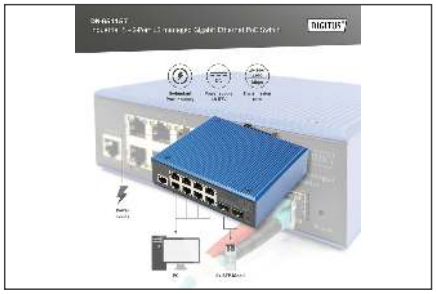
The Digitus DN-651157 Ethernet switch with 8 x RJ45 interfaces, as well as 2 x SFP uplinks offers numerous Layer 2 port functions for optimal network performance. It supports flow control, link aggregation and various routing strategies. The switch enables VLAN management, supports spanning tree protocols and ensures fast recovery in case of failures. Optimise multicast traffic with IGMP and MLD snooping. The switch offers advanced security features such as ACLs and supports QoS for traffic prioritisation. Extensive management options such as SNMP and CLI keep you in control. The RJ45 ports can power connected PoE devices with up to 30W each. Our switch is a reliable network solution with advanced features for your needs.

8 x 10/100/1000 BASE-TX RJ45 + 2x 1000Base-Fx ports, L2 manageable, IP40 housing with redundant power supply , ideal for monitoring, control management and wireless services at -40□ to 80□. Ports 1-4 (RJ45) support PoE according to the IEEE802.3af/at standard with up to 30W per port.

- Supports IEEE802.3x flow control, and backpressure
- Supports store-and-forward technology for optimized data transmission
- Automatic speed and half/full duplex detection/adjustment
- Bandwidth: 20 Gbps
- Packet buffer size: 4.1 Mbit
- Packet forwarding size: 15 Mbps
- Size of the MAC address table: 4 K
- Jumbo Frame rate: 10240 bytes
- ESD protection: 6 kV
- EFT protection: 6 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: 48 to 57 V (DC)
- Power consumption: <10 W
- Removable terminal connection
- Protection class: IP40
- Dimensions: 143.7 x 125 x 47.7 mm
- Weight: 0.65 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
- Supports up to 8 aggregation groups, each with up to 8 ports
- Support for source MAC, destination MAC, source destination MAC, source IP, destination IP, source destination IP routing strategy
- MAC table management,port forwarding,IVL forwarding, static MAC address, MAC address binding support, MAC address filtering support, port mirroring, port based mirroring
- Spanning Tree: IEEE802.1d STP, IEEE802.1w RSTP, IEEE802.1s MSTP, ERPS (G.8032), single ring, sub-ring, multi-ring, load balancing,
- recovery time < 50 ms
- QINQ: VLAN-based QinQ, GVRP support
- LLDP: LLDP, LLDP-MED,
- VLAN: 4094 VLANs, port-based VLAN, GVRP, protocol VLAN, MAC-based VLAN, IP subnet-based VLAN, voice VLAN.
- Static entries: Port isolation support
- IGMP: IGMP snooping V1, IGMP snooping V2, IGMP snooping V3, source port inspection, IGMP Fast Leave, IGMP filter,
- MLD snooping: MLD snooping V1, MLD snooping V2, source port checking, MLD Fast Leave, MLD filtering
- ACL: ACL (IP Standard ACL), IPv4/IPv6, Extended MAC ACL, Extended IP ACL, Matching L2, L3 and L4 fields, Logging, Forwarding, Mirroing, Speed Limiting
- QoS: QoS class, re-evaluation, SP, WRR queue scheduling, ingress port-based rate limiting, ingress priority-based rate limiting, egress port-based rate limiting, egress queue-based rate limiting, policy-based QoS, storm control, 8 queues per port
- Dot1x: port access control, user access control, MAC address access control
- Various other L2 features
- Maximum Power / Port (W): 240 W
- Number of ports: 8
- PoE standard: IEEE802.3af (PoE)
- Ethernet speed: Gigabit
- Industrial usage: yes
- Managed: yes
- Number of ports (Uplink): 2
- Outdoorsuitable: no
- PoE (Power over Ethernet): no
- Protection against vanadlism: no
- Uplink port connection: SFP
- VLAN: no

Package contents

- Industrial PoE Netzworkswitch
- QIG

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	15.70	34.30	35.00	44.50	53,422.20
Packaging Unit Inside	1	0.79	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.79	6.60	15.80	21.30	2,221.16
Net single without Packaging	1	0.65	4.80	12.50	14.40	0.00

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