DIGITUS® 10" Gigabit 8-Port L2+ Managed Switch

DN-80117

EAN 4016032464358



10 inch 8-Port Gigabit L2+ Managed Switch 8-port, 10 inch

The DIGITUS® DN-80117 is a professional 8-port Gigabit L2+ managed switch in a 10-inch form factor designed for small and medium-sized business networks. It combines Gigabit performance with a comprehensive range of Layer 2 and Layer 2+ features: VLAN (port-based & 802.1Q), QoS with four queues per port, link aggregation with up to eight groups, Spanning Tree (STP/RSTP/MSTP), and an EAPS ring for redundant structures, as well as multicast management (IGMP/MLD snooping) for IPTV and CCTV applications. With eight 10/100/1000Base-TX ports, a 16 Gbps backplane, jumbo frames up to 16 KB, and a forwarding capacity of 11.9 Mpps, it is ideally suited for converged networks handling data, voice, and video traffic. Features such as port isolation, loop detection, port mirroring, and rate limiting enable granular control of the infrastructure, while comprehensive ACLs (IP/MAC/ARP) and authentication via RADIUS and TACACS+ enhance security. Using static routing and up to 32 VLAN interfaces, the switch handles inter-VLAN routing directly at the network edge, reducing the load on the firewall. Management is flexible and audit-compliant via Web GUI, SNMP, CLI, Telnet, SSH, TACACS+, or RMON—including IPv6 support. The fanless metal housing ensures quiet and reliable 24/7 operation. This makes the DN-80117 the managed core for professional SMB networks in a space-saving 10-inch form factor.

Professional network segmentation, prioritization, and security—in a compact 10-inch format.

- Network & Performance
- 8× 10/100/1000 Mbps RJ45
- Backplane: 16 Gbps
- Forwarding capacity: 11.9 Mpps
- Jumbo Frames: up to 16 KB
- MAC Address Table: 8K
- Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x (Flow Control), 802.3ad (Link Aggregation)
- Management & Security (L2+)
- VLAN: port-based & 802.1Q tag-based
- VLAN interfaces: up to 32; static ARP & static routing
- Spanning Tree: STP / RSTP / MSTP; Ring Protocol: EAPS
- Link Aggregation: up to 8 groups
- QoS: 4 queues per port; rate limit starting at 64 kbps
- Multicast: 512 groups, IGMP snooping / MLD snooping
- ACL: IP / MAC / ARP; Port Isolation, Loop Detection, Port Mirroring
- Authentication: RADIUS, TACACS+
- Management: Web GUI, SNMP, CLI, Telnet, SSH, RMON
- IPv6: ICMPv6, ND, IPv6 Telnet
- Design & Installation
- Completely fanless (passive cooling)
- Metal housing
- 10-inch rack-mount / desktop
- Weight: approx. 2 kg
- Electrical Systems & Environment
- Internal power supply, 100–240 V AC
- Power consumption: ~10 W
- Operating temperature: 0–40 °C; Storage: -10–70 °C
- Humidity: 5–95%, non-condensing

Attributes

- Number of ports: 8
- Ethernet speed: Gigabit
- Industrial usage: no
- Installation type: 10 inch, Desktop
- Managed: yes
- Outdoorsuitable: no
- PoE (Power over Ethernet): no
- Protection against vanadlism: no
- VLAN: yes

Package contents

- DN-80117 Switch
- Power cable
- Quick Start Guide
- Rubber feet

Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	8	12.80	33.00	34.50	49.00	55,786.50
Packaging Unit Inside	1	1.60	7.00	24.00	32.00	5,376.00
Packaging Unit Single	1	1.60	7.00	24.00	32.00	5,376.00
Net single without Packaging	1	1.14	4.40	15.00	25.20	0.00

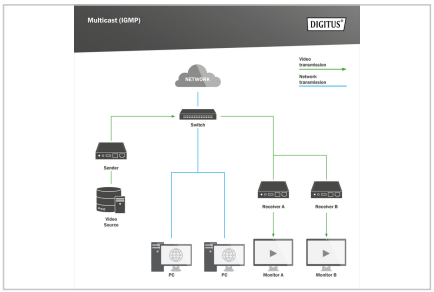
More images:



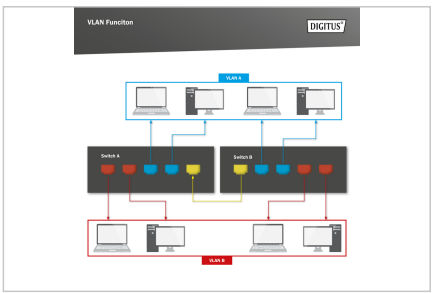


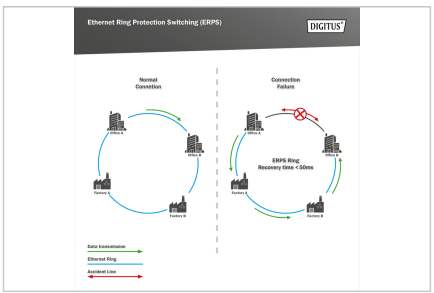


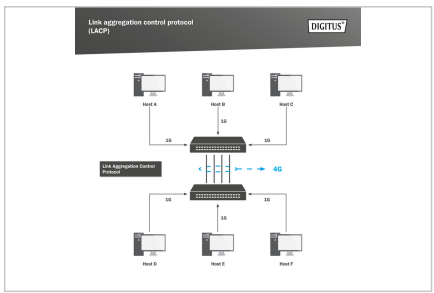




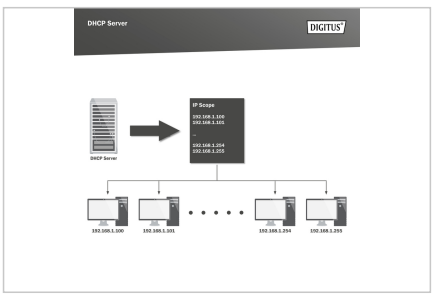












Safety notes

- 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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