

100G Industrial Switch for Island Use



AI Overview

The D-Link DIS-100G series offers rugged, unmanaged industrial switches with fiber SFP ports, wide temperature tolerance, and dual power redundancy, ideal for island or remote deployments.

Key Features for Island Deployment

- Rugged Design and Environmental Tolerance** The DIS-100G series is built for harsh environments, with an IP40-rated enclosure, fanless operation, and a wide operating temperature range of -40°C to 75°C, ensuring reliable performance in extreme conditions such as outdoor or unconditioned sites. The durable housing protects against dust, vibration, and electromagnetic interference, which is critical for remote or industrial locations.
- Fiber Connectivity for Long Distances** Equipped with SFP ports, these switches support long-range fiber connections, overcoming the distance limitations of traditional Ethernet. This is particularly useful for island or multi-building setups where network nodes may be separated by hundreds of meters or more.
- Power Redundancy and Wide Voltage Support** The switches feature dual power supply options and a wide voltage range of 12–55V DC, allowing operation from diverse power sources and providing protection against surges or low voltage. This ensures continuous operation even in unstable power conditions common in remote locations.
- Plug-and-Play Simplicity** The DIS-100G series is unmanaged, meaning it requires no configuration. Users can simply connect cables and power up the device, which is ideal for deployments where technical support may be limited.
- PoE and Industrial Applications** Certain models, like the DIS-100G-5PSW, provide PoE support with a 120W power budget, enabling direct powering of devices such as cameras, kiosks, or wireless access points without additional cabling. This reduces installation complexity and is advantageous for remote or island setups.
- Mounting Flexibility** The switches support DIN-rail and wall mounting, allowing flexible installation in cabinets, outdoor enclosures, or industrial racks.

Recommended Use Cases Remote island networks or offshore facilities, Industrial...

Article Content

D-Link DIS-100G-5W Industrial Gigabit Unmanaged Switch

D-Link DIS-100G-5W is an Industrial Gigabit Unmanaged Switches are designed specifically to withstand wide temperature range, vibrations and shock. These rugged, yet easy to deploy, switches

Gigabit Industrial Unmanaged Switches

Learn about the robust design, efficient performance, and deployment scenarios of DIS-100G-6S and DIS-100G-10S Gigabit Industrial Unmanaged Switches. Featuring green Ethernet technology and

DIS-100G Series Gigabit Industrial Unmanaged Switches

0/100/1000BASE-T non-PoE or PoE ports, and SFP ports. These switches feature a robust design making them ideal for deployment in industrial and outdoor cabinet surveillance settings

Durable Industrial Switches

D-Link's Industrial Switches have industrial-grade resilience to maintain your network uptime despite extreme hot and cold temperature variances. With

100Gb Ethernet Switches

FS 100G Switches offer high programmability and scalability, designed for large enterprises and hyper-converged infrastructure (HCI) networks. Learn more!

Industrial Gigabit Unmanaged Switches

The DIS-100G Series Industrial Gigabit Unmanaged Switches are designed specifically to withstand wide temperature range, vibrations and shock. These rugged, yet easy to deploy, switches have

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IGS-10020MT Industrial 8-port 10/100/1000T + 2-port

The IGS-10020MT is a fully-managed Gigabit fiber switch usually designed for the industrial network. It features 8 10/100/1000BASE-T copper ports, 2

Industrial Switches | D-Link UK

D-Link's Industrial Switches have industrial-grade resilience to maintain your network uptime despite extreme hot and cold temperature variances. With

DIS-100G-8SW 8-Port Gigabit Unmanaged Industrial

Fully Compliant The D-Link DIS-100G Series industrial switches are compliant with all international requirements for product safety and electromagnetic

Unmanaged Switch, Industrial Ethernet Switch

The FL series is a 100M unmanaged industrial ethernet switch designed for high stability and reliability in industrial environments. It offers 5/8-way 100Mbps ports

Gigabit Industrial Unmanaged Switches

The DIS-100G Series Gigabit Industrial Unmanaged Switches are equipped with a variety of port combinations including 10/100/1000BASE-T non-PoE or PoE ports, and SFP ports. These switches

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Industrial Ethernet Switches

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D-Link DIS-100G Industrial Railmount Gigabit Switch,

Bewertung für D-Link DIS-100G Industrial Railmount Gigabit Switch, 4x RJ-45, 1x SFP Teilen Sie uns Ihre Meinung zu D-Link DIS-100G Industrial Railmount

D-Link 5-Port Gigabit Industrial Unmanaged Switch | 5

Product Description The DIS-100G Series Gigabit Industrial Unmanaged Switches are equipped with a variety of port combinations (10/100/1000BASE-T, non-PoE

D-LINK DIS-100G-5SW 5-Port Industrial Unmanaged Switch with SFP

Its rack-mountable form and compact footprint ensure easy installation in tight industrial spaces. The DIS-100G-5SW delivers high performance and stability for applications where network continuity and

D-Link 5-Port UNMNGD Industrial Switch, -40C to +75C

The DIS-100G Series Gigabit Industrial Unmanaged Switches are equipped with a variety of port combinations including 10/100/1000BASE-T non-PoE or PoE ports, and SFP ports. These switches

Industrial Gigabit Unmanaged Switch with SFP slot

The DIS-100G Series Industrial Gigabit Unmanaged Switches are designed specifically to withstand wide temperature range, vibrations and shock, they have

Switches | 100G

MikroTik CRS510-8XS-2XQ-IN A versatile 100 Gigabit switch that offers speed, value, and diverse...

DIS-100G-10 Industrial 8-Port 1G + 2-Port 1G SFP

The DIS-100G-10 is an industrial unmanaged switch equipped with eight 1G ports

100G Switch Guide – Benefits, Features, and Use Cases

Learn about 100G switches, their benefits, and how they enhance networking performance in enterprise environments.

DIS-100G-10 Industrial 10-Port Gigabit Unmanaged

The DIS-100G-10 is an industrial unmanaged switch with eight 1 GbE ports and two 1 GbE SFP uplink ports, supporting plug-and-play deployment. The 1 GbE SFP

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.tomor.eu>

Email: info@tomor.eu

Phone: +49 69 2381 5497

Address: Am Hauptbahnhof 10, 60329 Frankfurt am Main, Germany

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