

DIREKTRONIK

Industrial 8-Port Gigabit PoE+ Ethernet Switch

Compact industrial-grade unmanaged Ethernet switch designed for harsh environments and space-constrained installations. Delivers reliable Gigabit connectivity with integrated PoE+ for powering IP cameras, access points, and other network devices.

Key Highlights

- Ultra-compact design for tight installations
- 10 Gigabit ports with 8 PoE+
- Up to 240W total PoE budget
- Wide 12–48V DC input
- Industrial IP40 metal housing
- -40°C to 80°C operating temperature
- Fanless, maintenance-free design

Applications

- Industrial automation
- Transportation systems
- Building automation
- Railway infrastructure
- Power distribution
- Retail surveillance
- Telecommunications

DIREKTRONIK

Why Choose This Switch

- Space-saving compact design
- High PoE power for demanding devices
- Reliable performance in harsh environments
- Energy efficient operation
- Easy DIN-rail installation

Feature Overview

Wide Voltage Input

Supports 12–48V DC systems for flexible deployment.

High-Density PoE+

8 ports delivering up to 30W per port.

Industrial Design

Rugged housing with extended temperature support.

DIREKTRONIK

Technical Specifications

Category	Specification
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.3az, 802.3af/at
Forward Rate	14,880 / 148,800 / 1,488,000 pps
Packet Buffer	2Mbits
Packet Length	9Kbytes
MAC Table	4K
Switch Fabric	20Gbps non-blocking
Backplane	20Gbps
Ports	10x RJ45 (8x PoE+)
PoE Budget	240W / 120W / 60W
Operating Temp	-40°C to 80°C
Storage Temp	-40°C to 85°C
Humidity	5–95%
MTBF	>200,000 hrs
Input Power	12–48VDC
Dimensions	95 x 92 x 46 mm
Weight	0.30 kg