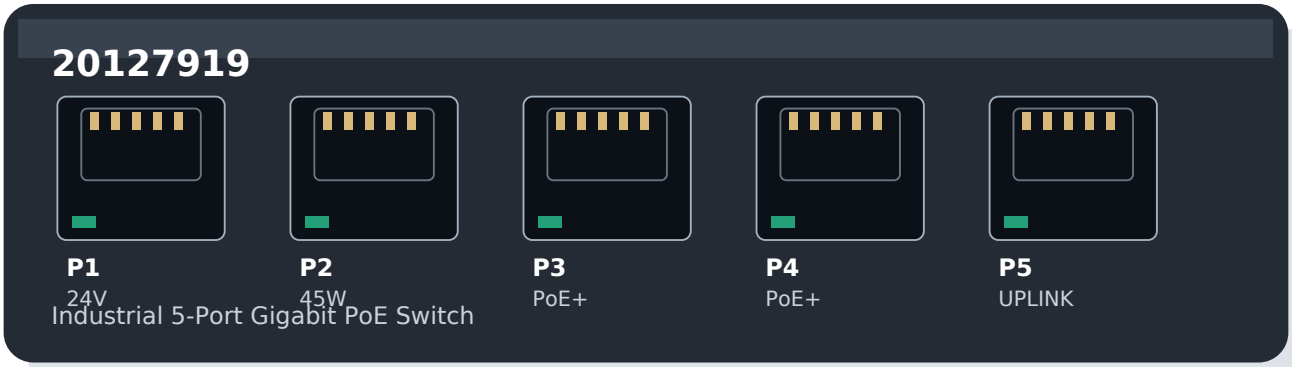
Industrial DC-powered PoE switch for solar, vehicle and UPS systems

5-Port Gigabit PoE Switch

DC 9-57 V | Passive 24 V PoE | Up to 45 W High PoE+

Unmanaged industrial switch with four PoE outputs and one Gigabit uplink. Its built-in voltage booster delivers standard 48 V PoE from low-voltage DC sources without an external DC/DC converter.



Industrial 5-Port Gigabit PoE Switch

Key Features

5 Gigabit Ports

4 PoE ports + 1 uplink, all 10/100/1000 Mbps

Flexible PoE

P1: passive 24 V; P2: 45 W High PoE+; P3-P4: 802.3af/at

Wide DC Input

9-57 V DC with dual redundant inputs

PoE Power Budget

70 W at 12 V; up to 120 W at 24/48 V

Remote Reboot

RE/DI input for remote reboot or power cycling

Industrial Design

IP40 metal housing, -20 to +70 °C, DIN rail or wall mount

Applications

Solar-powered surveillance, mobile vehicles, buses, trucks, wireless bridges, VoIP, access control and industrial automation.

Technical Specifications

Specifications

NETWORK & PoE	
Network Ports	5 × 10/100/1000 Mbps RJ45
Port 1	Passive 24 V PoE, pins 4/5 (+), 7/8 (-)
Port 2	High PoE+, IEEE 802.3af/at, max. 45 W, Mode B
Port 3–4	PoE+, IEEE 802.3af/at, Mode B
Port 5	Gigabit uplink (no PoE)
PoE Power Budget	70 W at 12 V DC / 120 W at 24/48 V DC
Ethernet Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3az

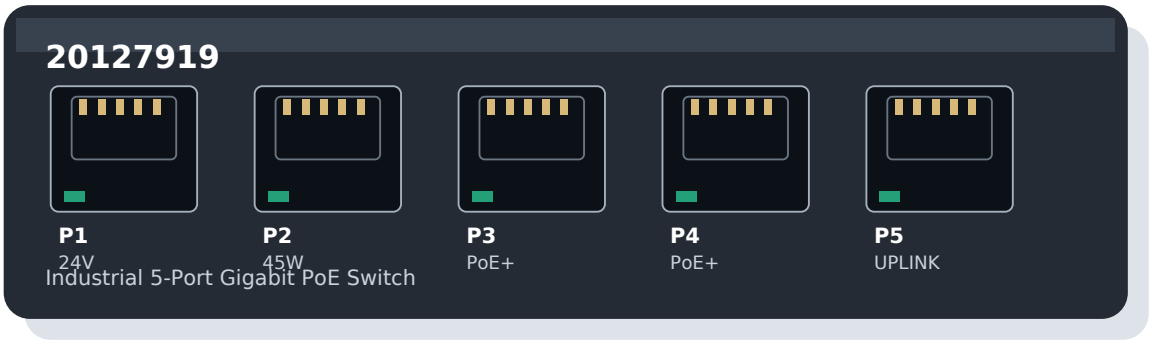
POWER & CONTROL	
DC Input	9-57 V DC, dual redundant power inputs
Connector	6-pin terminal block including RE input
Overload Protection	Automatic reset
RE Input	0-36 V DC (external control signal)
High Signal	Above 2 V: switch OFF
Low Signal	Below 0.6 V: switch ON

ENVIRONMENT & MECHANICAL	
Enclosure	Metal, IP40 protection rating
Dimensions (W × D × H)	95 × 67.6 × 31 mm
Weight	250 g
Installation	DIN rail or wall mounting
LED Indicators	PWR, Link/Act and PoE
Operating Temperature	-20 to +70 °C
Storage Temperature	-20 to +75 °C
Relative Humidity	5-95%, non-condensing

Connections, Reboot Control, Installation and Package Contents

Connections and Installation

Port Overview



P1: passive 24 V · P2: 45 W High PoE+ · P3-P4: PoE+ · P5: Gigabit uplink

Connection Example

DC 9–57 V
Solar battery, UPS or vehicle power

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20127919
Redundant DC and external reboot via RE

→

PoE / Network
Cameras, wireless AP and uplink

External Reboot via RE/DI Input

1. Connect RE+ and RE- to a digital output on a router, I/O controller or IP camera.
2. Send a digital control signal from the connected device, manually or automatically.
3. High signal above 2 V turns the switch OFF; low signal below 0.6 V turns it ON.

Installation and Package Contents

DIN rail or wall mounting. Package contents: PoE switch, DIN rail mounting accessory, wall mounting accessory and user manual.