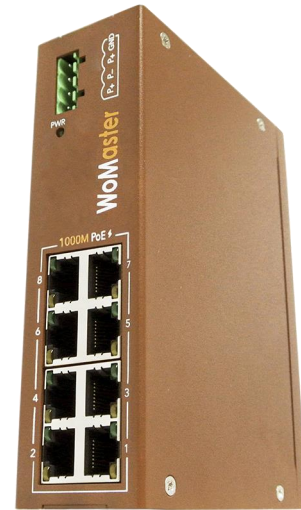


# Slim size Full-Giga PoE Switch for Industry

## DP208

### Industrial 8G PoE Switch

DP208 is an industrial 8-port Full-Giga Ethernet switch, delivering 8 port PoE 802.3af/at. The rugged IP40 design can stand for harsh environment and wide temperature (from -40 to 70°C) use. The compact size can fit in for space limited cabinets. DP208 has power saving design for Efficient Power Management.



### Features & Benefits

#### Full Gigabit Switching

- 8-port Full-Giga Ethernet with Auto Negotiation
- 4K MAC address table
- Support 9K Jumbo Frame
- Support Broadcast storm protection
- Stores and forwards with non-blocking switch fabric

#### Extreme PoE Capability

- 8-port IEEE 802.3af/at compliant PoE technology, up to 30W per port
- Max. 100W system PoE power budget

#### IEEE 802.3az EEE Power Management

- Energy Efficient Ethernet for low power requirement
- Idle power saving mode for energy efficiency

#### Rugged Mechanical Design

- Robust design protects from mechanical deformation
- IP40 ingress protection to withstand harsh environment (Optional IP41 protection)
- Wide operating temperature range **-40 ~ 70°C**
- CE marking
- IEC61000-6-2/IEC61000-6-4 heavy industrial EMC

#### QoS Service for Time-Sensitive Applications

- IEEE 802.1Q VLAN priority tagging



## Interfaces

### Power Connector

- 1 x 4 pin terminal block
- 3 pin for power input
- 1 pin Ground



### Power LED

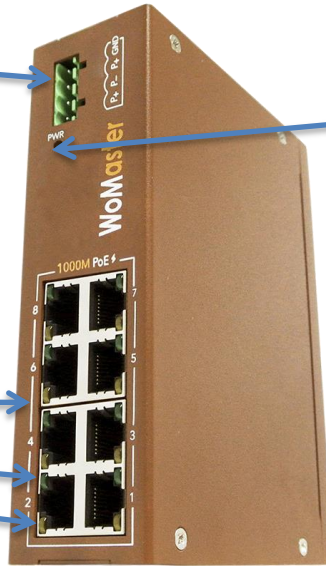


### Gigabit Ethernet with PoE

- 8-port 100/1000MBase-T
- IEEE 802.3 af/at PoE
- LINK/ACK LED
- PoE LED



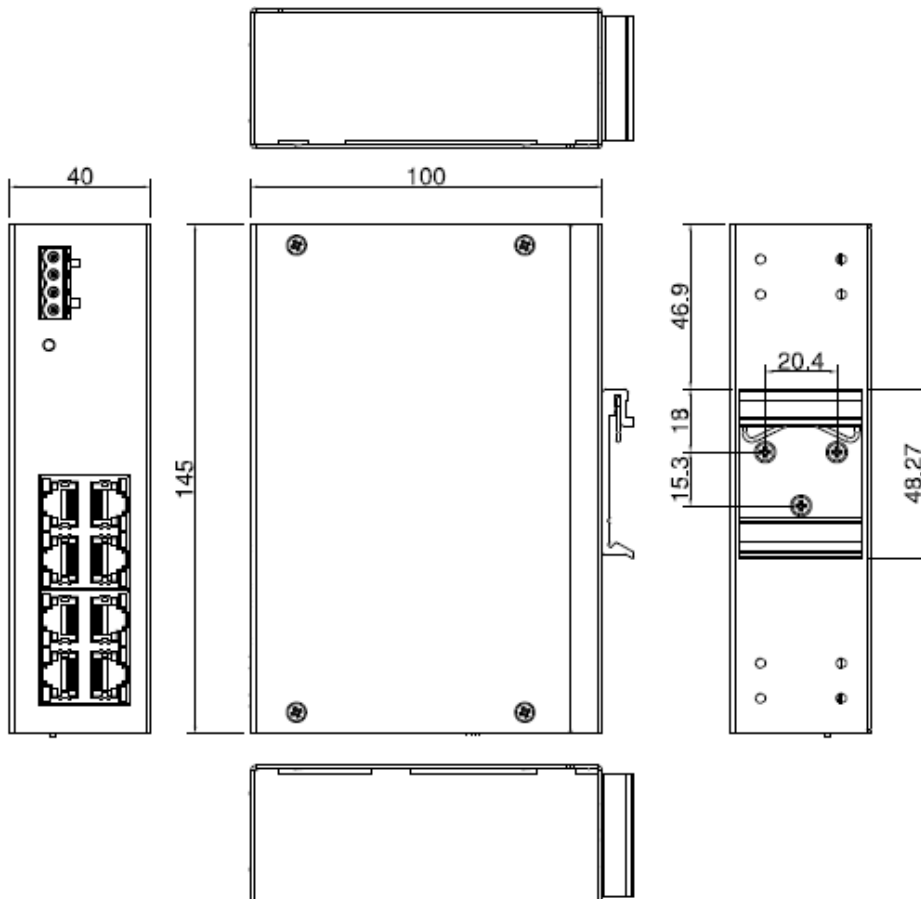
### Din Clip



**DP208**



## Dimensions



(mm)

Technology	
<b>Standard</b>	IEEE 802.3af/at Power over Ethernet
	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet Copper
	IEEE 802.3az Energy Efficient Ethernet
Performance	
<b>Switch Technology</b>	Store and Forward Technology with Non-Blocking Switch Fabric
<b>Number of MAC Address</b>	4K
<b>Packet Buffer Memory</b>	1.5M bits
<b>Broadcast Storm Protection</b>	100,000 pps (packet per second)
<b>QoS</b>	VLAN Priority Tagging: 0/1: 2/3: 4/5: 6/7 = 1:2:4:8
<b>Jumbo Frame</b>	9216 Bytes
<b>Transfer performance</b>	10Base-T: 14,880pps, 100Base-TX: 148,800pps, 1000Base-TX: 1,488,100pps
Interface	
<b>Ethernet Port</b>	8 x 10/100/1000Base-TX RJ45, Auto Negotiation
<b>System LED</b>	1 x Power: Green On
<b>Ethernet Port LED</b>	Link (Green On), Activity (Green Blinking) PoE power feeding: Amber on, PoE power not feeding: Off
<b>Power input</b>	4-Pin Removable Terminal Connector 3 Pin for Power Input (V+, V-, V+) 1 Pin for Ground
Power Requirement	
<b>Input Voltage</b>	48/54 VDC (46~57VDC, 50~57VDC suggested for IEEE802.3at)
<b>Reverse Polarity Protect</b>	Yes
<b>Input Current</b>	1.93A@54V
<b>Power Consumption</b>	Max. 3.24W@54VDC, full traffic without PD loading, suggest to reserve 15% tolerance
PoE (DP208)	
<b>Power forwarding mode</b>	Alternative A
<b>PoE Power Budget</b>	PoE: up to 100W Per Port: Max. 30W
<b>PoE Mode</b>	IEEE 802.3af/at
Mechanical	
<b>Installation</b>	DIN Rail
<b>Enclosure Material</b>	Steel Metal
<b>Dimension</b>	100 (D) x 145 (H) x 40mm (W) / without DIN Rail Clip
<b>Ingress Protection</b>	IP40 (IP41 By Request)
<b>Weight</b>	~540g without package
Environmental	
<b>Operating Temperature &amp; Humidity</b>	-40°C~70°C , 0%~95% Non-Condensing
<b>Storage Temperature</b>	-40°C~80°C
<b>MTBF</b>	>200,000 hours
<b>Warranty</b>	5 years
Standard	
<b>EMC</b>	EN61000-6-2/EN61000-6-4
<b>EMI</b>	CISPR 22, FCC part 15B Class A
<b>EMS</b>	EN61000-4-2 ESD, EN61000-4-3 RS, EN61000-4-4 EFT, EN61000-4-5, EN61000-4-6 CS, EN61000-4-8 Magnetic Field



## Ordering Information

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Model Name	Description
DP208	Industrial 8G Unmanaged PoE Switch
	<b>Package List</b>
	1 x Product Unit
	1 x 4-pin Removable Terminal Connector
	1 x Attached Din Clip
	1 x Quick Installation Guide



## Optional Accessory

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Item	
MK-D1-2	Wall-mounting kit with 2 plates and 8 screws