

## Mini Industrial 10-Port 10/100/1000T Compact Ethernet Switch



### Features

- ▶ 10 x 10/100/1000BASE-T RJ45 with Auto-MDI/MDI-X Function
- ▶ 12~48VDC Wide Range Power Input
- ▶ Supports IEEE 802.3x Flow Control
- ▶ Complies with IEEE 802.3az Energy Efficient Ethernet (EEE)
- ▶ Supports DIN-Rail Installation
- ▶ IP40-Rated Dustproof, Enclosed Design | Rugged High-Strength Metal Housing (Industry-Standard)
- ▶ Operating Temperature: -40°C to 80°C (-40°F to 176°F)

### Product Description

This Mini Industrial 10-Port 10/100/1000T Gigabit Ethernet Switch features a 12~48VDC wide-range power input. As an unmanaged industrial Ethernet switch, it adheres to key industrial standards, boasting reliable and user-friendly operation, robust vibration and shock resistance, and an extended operating temperature range—enabling seamless adaptation to diverse harsh industrial environments. Compliant with CE and FCC certifications, the switch undergoes 100% burn-in testing to guarantee consistent performance in industrial applications. It serves as a cost-effective solution for industrial Ethernet connectivity needs.

## Product Specification

Category	Parameter	Specification
Ethernet	Standards	IEEE 802.3/802.3u/802.3ab/802.3x/802.3az (EEE)
	Forward & Filtering Rate	14,880/148,800/1,488,000 pps (10/100/1000Mbps)
	Packet Buffer	2Mbits
	Packet Length	9216bytes
	MAC Address Table	4K entries
	Switch Fabric	20Gbps non-blocking
	Switch Throughput	14.88Mpps @64bytes
Interface	Connector	10x 10/100/1000BASE-T RJ45 (auto-MDI/MDI-X)
Environmental	Operating Temp	-40°C~80°C (-40°F~176°F)
	Storage Temp	-40°C~85°C (-40°F~185°F)
	Humidity	5%~95% non-condensing
	MTBF	> 200,000 hrs
Electrical & Mechanical	Input Power	12~48VDC; Redundant power + reverse polarity protection
	Power Consumption	< 10W
	Overload Protection	Automatic Resettable
	Reverse Polarity	Present
	Dimensions (W×D×H)	95×88×46mm
	Weight	300g
	Casing/Mounting	Aluminum Case; DIN-Rail mount
	LED Indicators	PWR (Power), L/A (Link/Activity), SPD (Data Rate)
Regulatory Approvals	Certifications	ISO9001; EN55022:2010+AC:2011 Class A; EN61000-3-3:2013; EN55032:2017; IEC 61000-4-2/3/4/5/8