

CK1000-8T

100M Unmanaged (DIN-Rail) Industrial Ethernet Switch



Features & Advantages

- Input Voltage: DC10-55V (AC/DC85-264V Optional)
- Operating Temperature: -40°C~+85°C
- Housing: IP40 protection, fan-free design
- Inspection Report: CE、FCC、RoHS
- Antistatic: 8KV-15KV
- MTBF: 100000 hours

Product Overview

The CK1000-8T series is a 100M Unmanaged (DIN-Rail) Industrial Ethernet Switch, supporting 8*10/100MBase-T self-adaptive RJ45 ports. The products also adopt with fan-free, low power consumption design, IP40 protection, a corrugated high-strength metal shell, which can enhanced stability of working performance. The product adheres to CE, FCC, and RoHS standards. -40~85 °C operating temperature range enable to withstand harsh working environments. DIN-Rail installations, which can meet the requirements of various industrial settings, make it an ideal solution for quickly and reliably connecting users' Ethernet devices. The equipment can be widely used in various broadband data transmission fields, such as intelligent buildings, smart cities, smart communities, intelligent transportation, telecommunications, security, financial securities, customs, shipping, electricity, water conservancy, and oilfields.

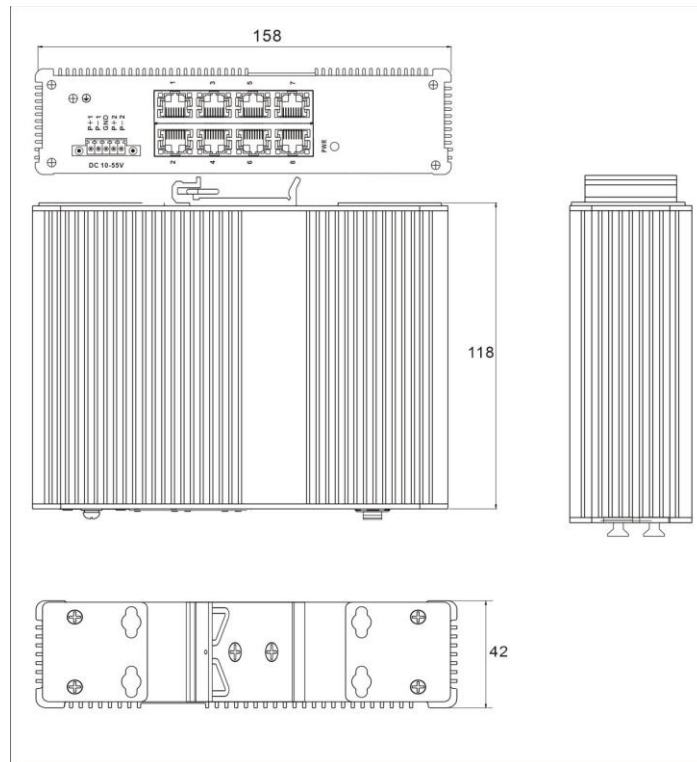
Technical Specification

Business Interface	8*10/100MBase-T
Power Connector	5P Phoenix terminal, dual power supply redundancy
LED	Power indicator: PWR(green) ; Network Port Indicator: yellow(100 or PoE), green(Link)
Cable Type & Distance	Twisted Pair 0-100m(CAT5e,CAT6)

Network Topology & Scale	Star Topology Bus Topology Tree Topology
Power Supply	Input Voltage DC10~55V (PoE/DC48~55V) Power Consumption Non-PoE full load(Total power)<5W, PoE full load<120W
PoE(Optional)	PoE Port 1-8 PoE Protocols 802.3af 802.3at PoE Pin Assignment 1.2.3.6 PoE Management unsupported
Switching Capacity	1.6G
MAC Address Table	1K
Packet Buffer	448K
Forward Delay	<10us
Port Feature	Crossover/Straight-Through self-adaption
Flow Control	Support
Packet Length	1536Kbytes
Storm Control	Support
Protection	IP40 IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us) IEC 61000-4-5 Level 3 (6KV/2KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m) IEC 61000-4-8 Level4 (30A/m) IEC 61000-4-11 Level3 (10V) EMI CLASS A IEC 61000-4-2 Level 4 (15KV/30KV) 0.5m
Operating Temperature	-40°C~+85°C
Storage/Transportation Temperature	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Heat Dissipation Method	Fan-free Design for Natural Heat Dissipation
MTBF	100,000 hours
Size	158X118X42mm
Installation	DIN-Rail
Weight	0.75KG

Dimension

Unit: mm



Product Models

Product Models	Specification & Descriptions
CK1000-8T	8*10/100MBase-T self-adaptive RJ45 ports (default SC interface, ST/FC optional, Single-mode/Multi mode optional). DIN-Rail installation. -40°C~+85°C