

InSwitch ISE Series 1005D

Entry-level Unmanaged Ethernet Switch



- 5 × 10/100Base-TX, RJ45 auto-negotiating ports
- Certified industrial level 4 EMC
- Simple plug and play operation
- Provided with DIN-rail or wall mount options
- IP40 protection, fully enclosed type metal cabinet
- -40 to +85°C operating temperature range
- Wide voltage range design with redundant dual power input
- UL508 certified

Product Overview

The ISE1005D is a 5 port DIN-rail Unmanaged Industrial Ethernet Switches designed for applications in electric power, transportation, industrial control and other severe industrial environments. It integrates a wide temperature range, high voltage tolerance, enterprise-class forwarding performance, high-bandwidth, strong cabinet, protected industrial circuits and other industrial features. It is capable of plug and play, and can satisfy reliability requirements in the harsh industrial environment.

Product Features

➤ Strong and reliable industrial quality

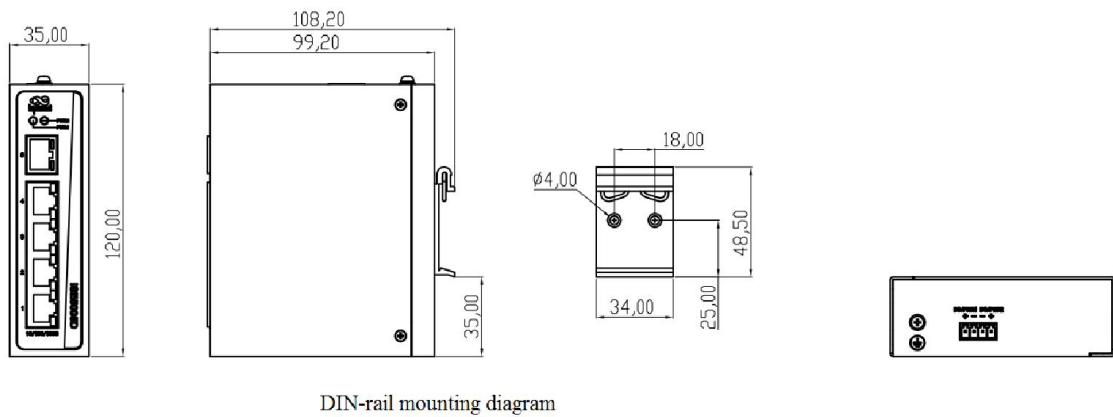
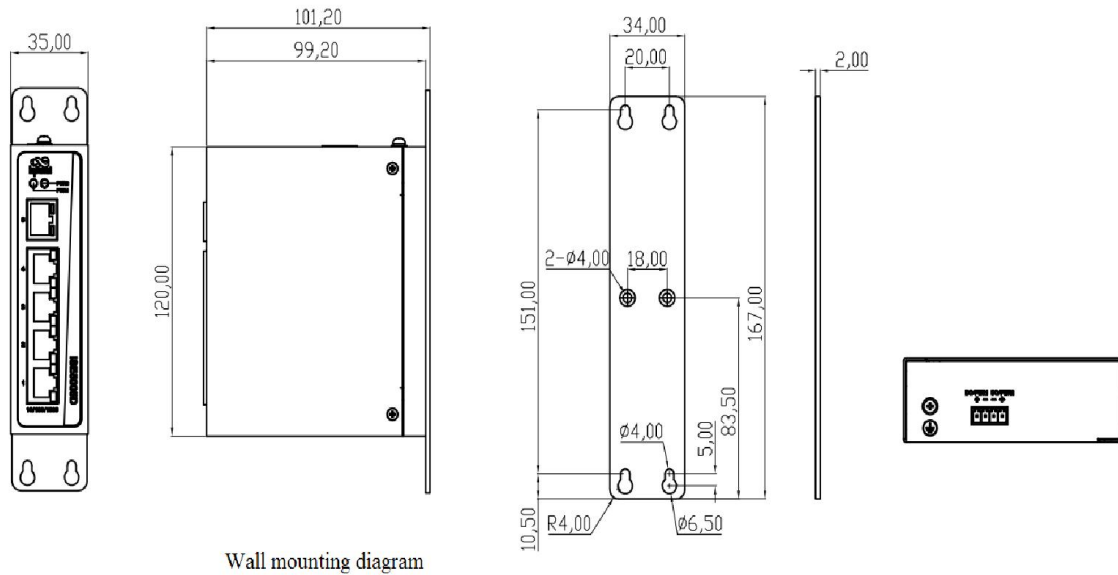
- ☑ Excellent EMC/EMI and anti-radiation performance
- ☑ Real industrial-class design, with working temperature at -40 ~ 85°C
- ☑ Redundant power input and industrial-class surge protection
- ☑ Strong metal cabinet with corrosion-proof coating
- ☑ Provided with IP40 seal protection, and dust proof, stain proof and debris proof
- ☑ Support industrial optional DIN-rail installation or wall-mounting kit available
- ☑ Low power consumption, full load power consumption under 1.6 Watts

Product Specification

Item		ISE1005D
Interface	RJ45 port	10/100Base-Tx auto-negotiation
	LED indication	PWR1,PWR2,LINK/ACT
Mechanical structure	Housing	IP40 protection class, fully enclosed and seamless type metal cabinet, PCB protection coating available
	Dimension (mm)	35 × 120 × 100
	Dimension (in)	17.8 × 47.2 × 39.4
	Weight	0.6 Kg
	Heat dissipation	Fanless heat dissipation
	Installation	DIN-rail and wall mounting (kit optional)
	MTBF	35 years
Power source	Input voltage	24 VDC (12~48 VDC), supporting redundant inputs
	Interface terminal	4-pin pluggable screw connection terminal
	Overload protection	Available
	Reverse polarity protection	Available
	Power consumption	< 1.6 W
Working environment	Working temperature	-40 ~ +85°C
	Storage temperature	-40 ~ +85°C
	Relative humidity	5% ~ 95% (free of condensation)
Switching performance	Forwarding inherent time delay	< 4μs
	Backplane bandwidth	1 Gbps
	MAC address table	1 Kbyte
	Data package buffer	512 Kbit
Industrial standard	Electromagnetic compatibility	ESD Electrostatic Discharge Immunity: EN61000-4-2, Level 4
		RFI Radio Frequency Immunity: EN61000-4-3, Level 4

Item		ISE1005D
		EFT Electrical Fast Transient/Burst Immunity: EN61000-4-4, Level 4
		Surge Immunity: EN61000-4-5, level 4
		Immunity to Conducted Disturbances: EN61000-4-6, Level 4
		Damped Oscillator Immunity: EN61000-4-12, Level 4
	Shock Test	IEC60068-2-27
	Free Fall	IEC60068-2-32
	Vibration	IEC60068-2-6
Warranty	Warranty period	5 years

Dimensions(mm)



Ordering Information

Product Type	Description
ISE1005D-5T-24	5 10/100Base-TX , 24VDC

InHand Networks

Connecting devices, enabling service.

