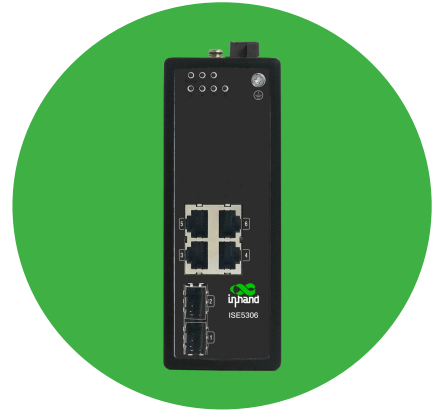


Simple, highly reliable
network communication system

ISE5X06D-P

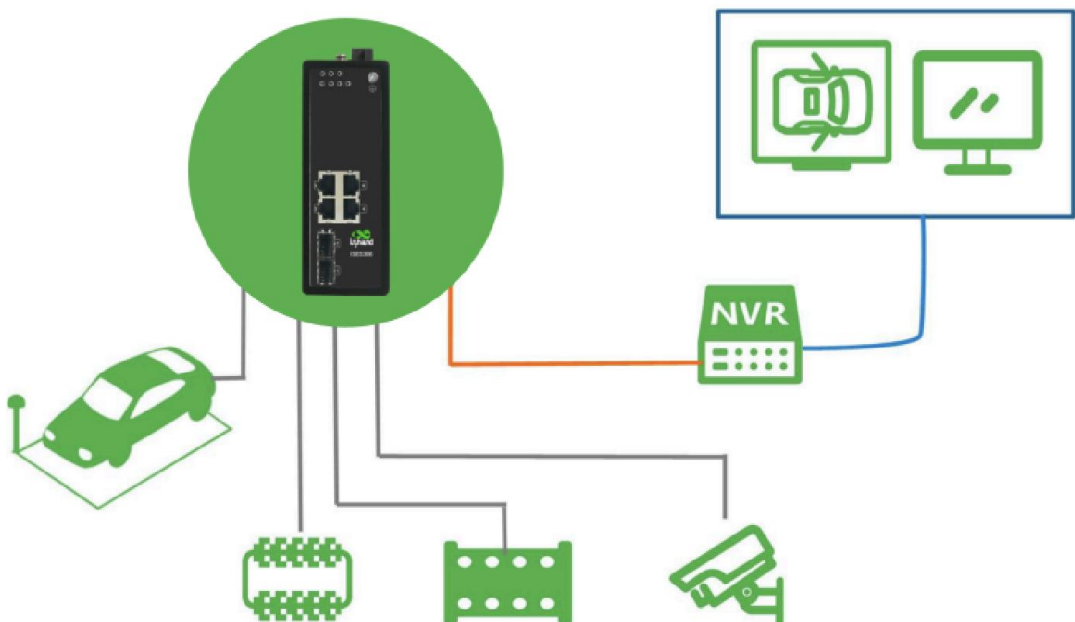
Unmanaged Industrial Ethernet Switch



ISE5X06D is a product designed specifically for power, transportation, industrial control, and other demanding industrial environments. It integrates features like wide-temperature and wide-voltage design, as well as protected industrial circuits. The product supports plug-and-play function to enable fast and convenient deployment.

InHand Networks' industrial Ethernet switches can reliably address various challenging industrial application scenarios, providing customers with dependable solutions.

Solutions



Advantages and Features

- + Excellent EMC electromagnetic compatibility and radiation performance
- + Support IEEE 802.3af/at compliant PoE
- + Each PoE port provides up to 30W output power
- + PoE management: PoE device detection, PoE power management
- + IP30/IP40 protection class
- + Possessing a store-and-forward mechanism

● Reliable industrial quality

The ISE series features a robust metal enclosure and protective coating, providing resistance to pressure and corrosion. The entire series adopts a fanless design, which is dust and dirt resistant. It supports wide temperature operation.

With an industrial-grade power design, wide voltage input, it ensures stable communication in harsh industrial environments. The product's MTBF (Mean Time Between Failures) is over 35 years.

● International standard

The product complies with FCC, CE, ROHS standards.

It can extensively meet the demands of various industrial fields such as power, transportation, and industrial control.

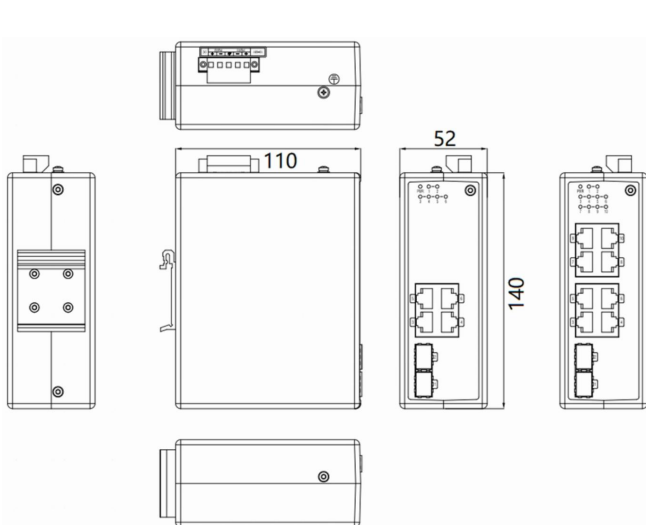
● Simple and easy to manage

DIN rail mountable, compact size;

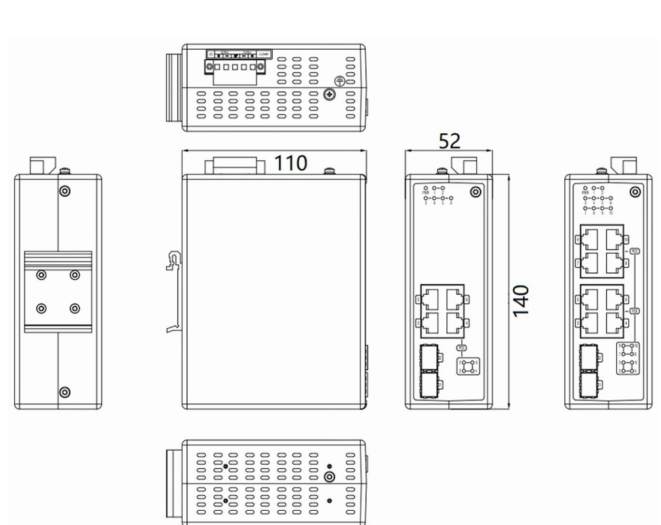
Plug-and-play, quick deployment.

Product dimensions(mm)

ISE5X06D Dimensional diagram



ISE5006D Dimensional diagram



ISE5306D Dimensional diagram

52mm x 140mm x 110mm

Product specifications

ISE5X06D Product specifications				ISE5X06D Product specifications			
Project	ISE5X06D-P			Project	ISE5X06D-P		
PoE (ISE5306D)				Power Parameters			
PoE 10/100/1000 BaseT Ports	4 ports			Operating Voltage	Isolated Dual 18–60VDC Power Inputs (ISE5006D) Isolated dual 48–54VDC Power Inputs (ISE5306D)		
Maximum Power	15.4W (IEEE 802.3af); 30W (IEEE 802.3at)			Overload Current Protection	Supported	Reverse Polarity Protection	Supported
Physical Performance				Electromagnetic Characteristics			
Enclosure	Fully enclosed seamless metal enclosure			EMS	IEC(EN)61000–4–2, Class 4		
Dimensions	52mm x 140mm x 110mm				IEC(EN)61000–4–3, Class 3		
Protection Grade	IP30 / IP40	Weight	0.7 kg		IEC(EN)61000–4–4, Class 4		
Cooling Method	Fanless cooling	Installation	DIN–rail mounting		IEC(EN)61000–4–5, Class 4		
Storage Temperature	–40 ~ +85°C	Operating Temperature	–40 ~ +75°C		IEC(EN)61000–4–6, Class 3		
Ambient Relative Humidity	5 ~ 95% (non–condensing)			Certifications			
Hardware performance				CE , FCC			
Backplane Bandwidth	20 Gbps	MAC Table Size	4K	Quality Assurance			
Processing Type	Store–and–Forward	Packet Buffer Size	1.5 Mbits	Warranty Period	5 years	MTBF	35 years
Exchange Rate	148,800 pps/100M ports; 1,488,000 pps/1000M ports						

Recommended Models

Model	Description
ISE5006D-P-2GSFP-4GT-24	Layer 2 unmanaged Industrial Switch. 2 * 100/1000BaseX SFP Ports (SFP module not included), 4 * 10/100/1000BaseT Ports. IP40 Protection Class, Operating Temperature from –40° C to +75° C. Isolated Dual 18–60VDC Power Inputs.
ISE5306D-P-2GSFP-4GT-48	Layer 2 unmanaged Industrial Switch. 2 * 100/1000BaseX SFP Ports (SFP module not included), 4 * 802.3af/at PoE 10/100/1000BaseT Ports. IP30 Protection Class, Operating Temperature from –40° C to +75° C. Isolated dual 48–54VDC Power Inputs.

About Us

InHand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial–grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States, France, Germany, the United Kingdom, Italy, and beyond.



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