



IES2016-16T-2LV

DIN-Rail Mounting or Wall Mounting

16-port 100M Unmanaged Industrial Ethernet Switch

- Support 16 100M copper ports
- Support DC dual power supply redundancy
- Input voltage: 9-60VDC
- Support -40~75℃ wide operating temperature range



Industrial Grade



Fanless Design

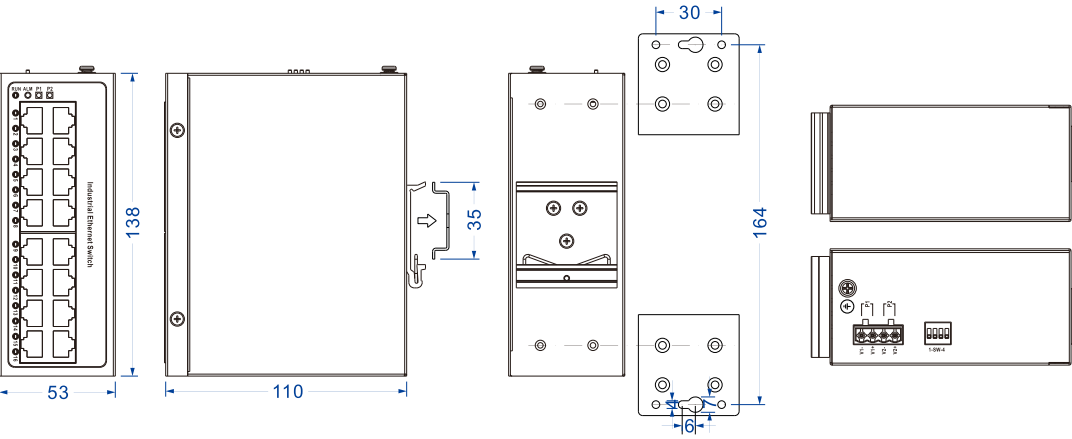
Introduction

IES2016-16T-2LV are 16-port 100M unmanaged industrial Ethernet switches. It provides 100M copper ports and 9-60VDC power supply. It adopts DIN-Rail mounting or wall mounting, which can meet the requirements of different application scenes.

The DIP switch can achieve flow control and storm suppression. Hardware adopts fanless, low power consumption, and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in railway transportation, smart city, safe city, new energy, intelligent manufacturing, and other industrial fields.

Dimension

Unit:mm



Specification

Standard & Protocol	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for flow control
Interface	Copper port: 10/100Base-T(X), RJ45, Full/Half Duplex Mode, MDI/MDI-X Autotuning
LED Indicator	Running Indicator, Power Supply Indicator, Port Indicator, Alarm Indicator(Reserved)

Switch Property	Transmission mode: store and forward MAC address: 8K Backplane bandwidth: 3.2G Switch time delay: <10μs
Power Requirement	Power supply range: 9-60VDC Connection method: 4-pin 5.08mm pitch terminal blocks Power supply quantity: dual power supply redundancy backup Connection protection: non-polarity Over-current protection: 3A
Power Consumption	No-load: 0.7W@24VAC Full-load: 2.6W@24VAC
Environmental Limit	Operating temperature range: -40~75°C Storage temperature range: -40~85°C Relative humidity: 5% ~ 95%(no condensation)
Physical Characteristic	Housing: IP40 protection, metal Installation: DIN-Rail mounting or wall mounting Dimension (W x H x D): 53mm×138mm×110mm
Industrial Standard	IEC 61000-4-2 (ESD, Electro-Static discharge), Level 4 <ul style="list-style-type: none">Air discharge: ±15kVContact discharge: ±8kV IEC 61000-4-4 (EFT, Electrical Fast Transients), Level 3 <ul style="list-style-type: none">Power supply: ±2kVEthernet port: ±1kV IEC 61000-4-5 (Surge), Level 4 <ul style="list-style-type: none">Power supply: common mode±4kV, differential mode±2kVEthernet port: common mode±4kV, differential mode±2kV Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Ordering Information

Available Models	100M Copper Port	Power Supply
IES2016-16T-2LV	16	Dual power supply 9-60VDC



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