



ES1016

1U Rack Mounting

16-port 100M Layer 2 Unmanaged Ethernet Switch

- Support 16 100M copper ports
- Input power supply 100~240VAC
- Support 0~70°C wide operating temperature range



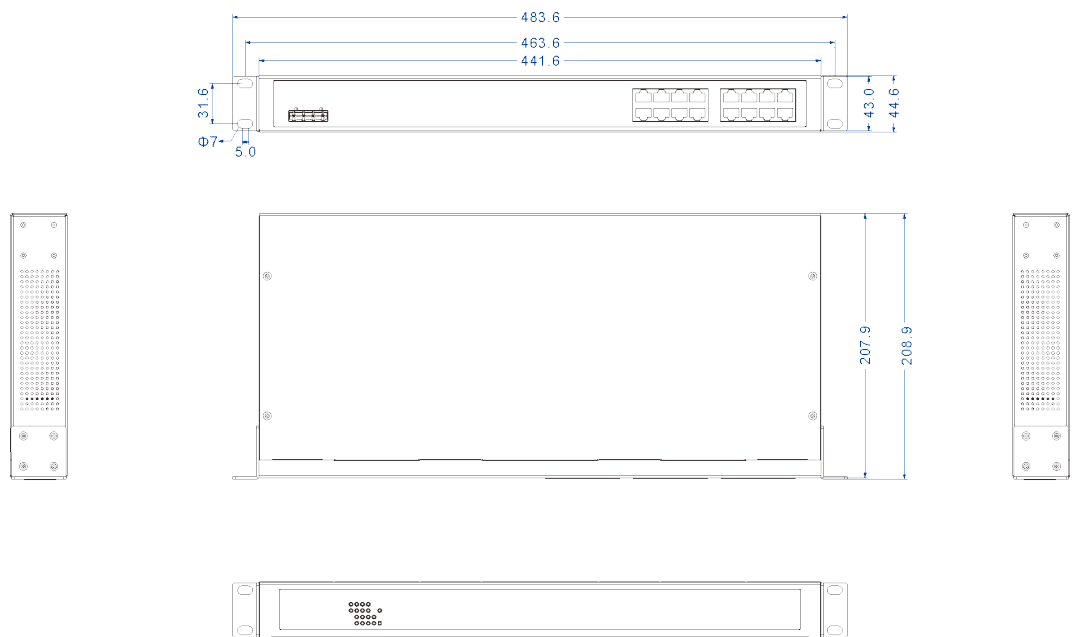
Introduction

ES1016 is 16-port layer 2 unmanaged Ethernet switches. The product provides 16 100M copper ports. It adopts rack mounting to meet the requirements of different application scenes.

The products conform to FCC, CE standard. Hardware adopts fanless, low power consumption, wide temperature and voltage design 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 smart grid, rail transit, smart city, safety city, new energy, intelligent manufacturing and other fields.

Dimension

Unit:mm



Specification

Standard & Protocol	IEEE 802.3 for 10Base-TX IEEE 802.3u for 100Base-TX
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Interface

Copper port: 10/100Base-T(X), RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotuning

LED Indicator	Running Indicator, Port Indicator, Power Supply Indicator
Switch Property	<p>Transmission mode: store and forward</p> <p>MAC address: 8K</p> <p>Packet buffer size: 2.5M</p> <p>Backplane bandwidth: 12.8G</p> <p>Switch time delay: < 15μs</p>
Power Requirement	100-240VAC/DC, 4-pin 7.62mm pitch terminal blocks
Power Consumption	<p>No-load: 4.2W@220VAC</p> <p>Full-load: 6.7W@220VAC</p>
Environmental Limit	<p>Operating temperature: 0~70°C</p> <p>Storage temperature: -40~75°C</p> <p>Relative humidity: 5% ~ 95% (no condensation)</p>
Physical Characteristic	<p>Housing: IP30 protection, metal</p> <p>Installation: 19 inches rack mounting</p> <p>Dimension (W x H x D): 441.6mm×44.6mm×207.9mm</p>
Industrial Standard	<p>IEC61000-4-2 (ESD) , Level 4</p> <ul style="list-style-type: none"> ● Air discharge: ±8kV ● Contact discharge: ±8kV <p>IEC61000-4-4 (EFT), Level 4</p> <ul style="list-style-type: none"> ● Power supply: ±4kV ● Ethernet interface: ±2kV <p>IEC61000-4-5 (Surge), Level 4</p> <ul style="list-style-type: none"> ● Power supply: common mode ±4kV, differential mode ±2kV ● Ethernet interface: ±4kV <p>Shock: IEC 60068-2-27</p> <p>Free fall: IEC 60068-2-32</p> <p>Vibration: IEC 60068-2-6</p>
Certification	CE, FCC, RoHS
Warranty	3 years



Ordering Information

Available Models	100M Copper Port	Power Supply Range
ES1016	16	100~240VAC/DC



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