# ANT-IIGS216H Series

**18-port Unmanaged Industrial Ethernet Switch, with 2 1000Base-X SFP Slot and 16 10/100/1000Base-T(X) Ethernet Port**

- Support 2 1000Base-X SFP slot and 16 10/100/1000Base-T(X) Ethernet port.

- Support IEEE802.3, IEEE802.3u, IEEE802.3x.

- Plug-and-play, 10/100/1000Base-T(X), full/half duplex, MDI/MDI-X auto-adaptation.

- Industrial chip design, 15kV ESD protection, 8kV surge protection.

- DC10-58V redundancy power, reverse polarity protection.

- Industrial grade 4 design, -40-85°C operating temperature.

- IP40 rated aluminum alloy housing, DIN-Rail mounted.
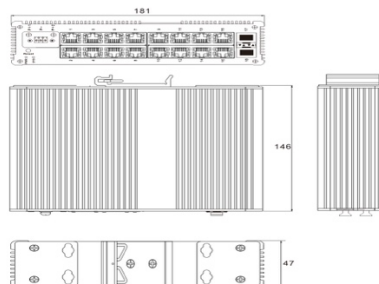
## Introduction

ANT-IIGS216H is a plug-and-play unmanaged industrial Ethernet switch, which can provide economical solution for your Ethernet. Its dust-proof fully sealed structure (IP40 protection grade), over-current, over-voltage and EMC protected, redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

ANT-IIGS216H support 2 1000Base-X SFP slot and 16 10/100/1000Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC10-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100/1000Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85°C operating temperature can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

E-mail: info@anteklabs.com

## Specification

| Protocol Standard | IEEE802.3, IEEE802.3u, IEEE802.3x |
|---|---|
| Flow Control | IEEE802.3x flow control, back press flow control |
| Switching Performance | Forwarding Rate: 26.8Mpps<br>Transmission Mode: Store and Forward<br>Packet Buffer Size: 4.1M<br>Exchange capacity:56G<br>MAC Table Size: 8K<br>Delay Time: <10µs |
| Ethernet Port | 10/100/1000Base-T(X) auto speed control, full/half duplex and MDI/MDI-X auto-adaptation |
| Fiber Port | 1000Base-X SFP Slot |
| LED Indicator | Power indicator: PWR (green);<br>Optical port: FX (green);<br>Network port indicator: yellow(1000 or POE) Green (Link) |
| Power Supply | Input Voltage: DC10-58V<br>Connector: 6 bit 5.08mm removable terminal block<br>Full Load: <10W<br>Protection Mechanism: overload protection, reverse connection protection, redundancy protection |
| Mechanical Structure | Shell: IP40 protection, aluminum alloy housing<br>Dimension: 181*146*47mm( L*W*H )<br>Weight: 1KG<br>Installation: DIN-Rail mounting, wall mounting |
| Operating Environment | Operating Temperature: -40-85°C<br>Storage Temperature: -40-85°C<br>Ambient Relative Humidity: 5%-95% (non-condensing) |
| Industry Standards | IEC 61000-4-5 Level 3（4KV/2KV）（8/20us）<br>IEC 61000-4-5 Level 3（6KV/2KV）（10/700us）<br>IEC 61000-4-3 Level 3（10V/m）<br>IEC 61000-4-4 Level 3（1V/2V）<br>IEC 61000-4-6 Level 3（10V/m）<br>IEC 61000-4-8 Level4（30A/m）<br>IEC 61000-4-11 Level3（10V）<br>CLASS A<br>IEC 61000-4-2 Level 4（15KV/30KV）<br>Free fall 0.5m |
| Certification | CE, FCC, RoHS |
| MTBF | >100,000 Hours |
| Warranty | 5-years |

## Dimension

304 S. Jones Blvd #5047 Las Vegas, NV 89107

## Order Information

| Model No. | Description of Goods |
|---|---|
| ANT-IIGS216H | Unmanaged Industrial Ethernet Switch, 2 1000Base-X SFP Slot and 16 10/100/1000Base-T(X), DIN-Rail, DC10-58V, -40-85°C Operating Temperature |

**Power Supply:** DC24V DIN-Rail Power Supply or Power Adapter is Optional.