

AES1600N Series

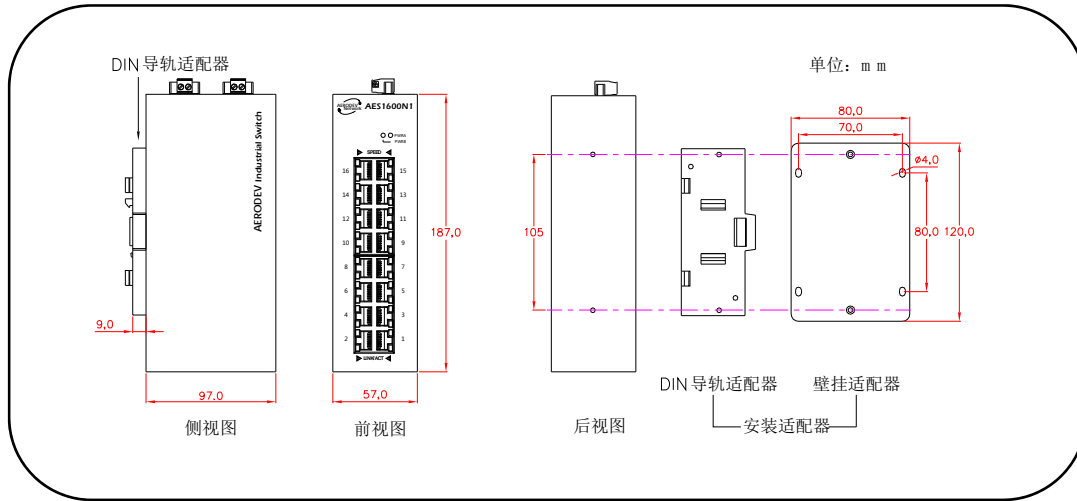


- ✧ Non managed Industrial Ethernet Switch;
- ✧ Support 16 electrical Ports;
- ✧ High efficiency radiating fan less design;
- ✧ With excellent electromagnetic compatibility, stable and reliable;
- ✧ Applicable to industries for electric power, military, rail transportation, industrial automation and etc.

| Product | |
|-------------------------------|--|
| Function Description | Non managed Industrial Ethernet Switch |
| Network topology | Chain/star |
| switch type | layer 2 switching , all ports support line speed forwarding |
| Port type | 16 10Base-T/100Base-TX Half duplex/ full duplex RJ45, speed and duplex auto negotiation; MDI/MDI-X Adaptive; |
| Power Requirements | |
| Input power | 24VDC |
| Power consumption | <10W |
| Performance | |
| Cache capacity | 1Mbit |
| Address table capacity | 8K |
| Address learning rate | 148809pps |
| Panel indicator | |
| Diagnostic | LEDs (power, link status, port rate) |
| Environmental conditions | |
| Operating temperature | -40℃ ~+85℃ |
| Storage/transport temperature | -40℃ ~+85℃ |
| Relative humidity | 10~90%, Non condensing |

| Mechanical structure | |
|---|---|
| Dimensions (W * H * D) | 57 x187 x87 |
| Installation | Rail Din |
| EMC level | |
| Electrostatic discharge immunity | 4 level [GB/T 17626.2-2006] |
| Electrical fast transient burst immunity | 4 level [GB/T 17626.4-2008] |
| Damped oscillatory waves immunity | 3 level [GB/T 17626.12-1998] |
| RF electromagnetic field immunity | 3 level [GB/T 17626.3-2006] |
| Surge (impact) immunity | 4 level [GB/T 17626.5-2008] |
| Power frequency magnetic field immunity | 5 level [GB/T 17626.8-2006] |
| The pulse magnetic field immunity | 5 level [GB/T 17626.9-1998] |
| Conduction disturbance induced by radio frequency fields immunity | 3 level [GB/T 17626.6-2008] |
| Radiation emission | [GB 9254-1998] distance of Measurement 3m; band 30~230MHz Limit of disturbance 50dBuV/m; band 230~1000MHz Limit of disturbance 57dBuV/m |

Mounting dimensions



Typical configuration

| Product model | Product description |
|-----------------|---|
| AES1600N1-P1-T2 | 16 10Base-T/100Base-TX RJ45 ports 2 24VDC powers |