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## RPT-1808P-T-X6SD | 8 Port Industrial Unmanaged Ethernet PoE+ Switch

### FEATURE HIGHLIGHTS

- 8 x 10/100 Base TX Ports
- 8 PoE Ports comply with IEEE802.3 af/at
- 24~36 VDC Power Boost Design
- IP40 Rugged Aluminum Housing
- Din-rail Type
- Operating temperature -40~75 degree C

### DESCRIPTION

RPT-1808P-T-X6SD has 8 x 10/100TX RJ-45 ports for your industrial applications. It has 8 PoE ports comply with IEEE802.3 af/at, and was designed to work in the industrial environment with wide operating temperature, -40~ 75 degree C, with 24~36 VDC power source.

The RPT-1808P-T-X6SD is well-suited for rugged industrial settings and is compatible with DIN-rail mounting for straightforward installation. It is particularly advantageous for power booster design for PoE feature, making installation easy and space-efficient.

# RPT-1808P-T-X6SD | 8 Port Industrial Unmanaged Ethernet PoE+ Switch

## SPECIFICATIONS

| Technology | |
|---|---|
| Standards | IEEE 802.3 10BaseT |
| | IEEE 802.3u 100BaseTX |
| | IEEE 802.3af/at Power over Ethernet |
| Processing Type | Store and Forward |
| Backplane Bandwidth | 1.8Gbps |
| Mac Table Size | 2K |
| Packet Buffer Size | 512K |

| Interface | |
|---|---|
| RJ-45 Ports | 8x 10/100 BaseT(X) auto negotiation speed |
| | Full/Half-duplex mode, and auto MDI/MDI-X connection |
| PoE Ports | Port#1 ~ Port#8 |

| Power | |
|---|---|
| Input | 24~36 VDC |
| Consumption | Total <90 Watts with PoE full loaded |

| Environment | |
|---|---|
| Operating | -40ºC ~ 75ºC |
| Storage | -40ºC ~ 85ºC |
| Ambient Relative Humidity | 5%~95% non-condensing |

| Physical | |
|---|---|
| Housing | Aluminum housing , Din rail type |
| Dimension | 48mm x 143mm x 104mm (W x H x D) |
| Weight | 0.5Kg |

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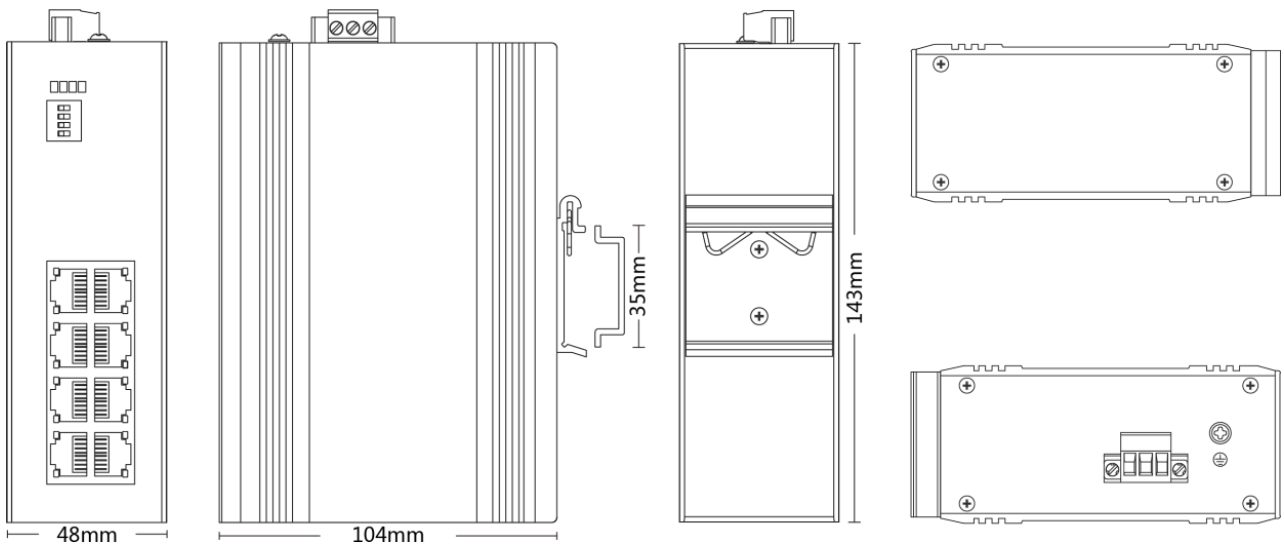
### SPECIFICATIONS

| Regulatory Approvals | |
|---|---|
| Surge Protection of Power | IEC 61000-4-5 Level X (6KV/4KV) (8/20us) |
| Surge Protection of Port | IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us) |
| RS | IEC 61000-4-3 Level 3 (10V/m) |
| EFI | IEC 61000-4-4 Level 3 (1V/2V) |
| CS | IEC 61000-4-6 Level 3 (10V/m) |
| PFMF | IEC 61000-4-8 Level 4 (30A/m) |
| DIP | IEC 61000-4-11 Level 3 (10V ) |
| ESD | IEC 61000-4-2 Level 4 (8K/15K) |
| Free Fall | 0.5m |

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## RPT-1808P-T-X6SD | 8 Port Industrial Unmanaged Ethernet PoE+ Switch

## DIMENSIONS

Unit: mm



48mm   104mm   35mm   143mm

## ORDERING INFORMATION

| Model Name | Description | Power input |
|---|---|---|
| RPT-1808P-T-X6SD | 8 Port Industrial Unmanaged FE PoE+ Switch, Operation temperature -40℃ ~ 75℃ | 24~36VDC |