## RP-IPE641SC

## 4-P Fast Ethernet PoE + 1-100Base-FX Industrial Ethernet Switch

RP-IPE641 series Industrial 4 port 10/100M Ethernet Switch with POE+ complies with IEEE802.3af and IEEE802.3at. It equips with high
 efficiency Cold Design technology which accept input voltage from 12-56VDC to reduce the excessive heat problem to a minimum.

The device delivers 30watts power per POE port and generates a total of 120 watts power to PD devices. With Fiber uplinks, it can be used as fiber redundancy, cascaded to your other devices to expand your network application. It is being rigorously tested for your Security, Transportation and Telco application.

RP-IPE641 equips with IP-30 standard industrial case protection which allows for either DIN rail or wall mounting for efficient use of cabinet space. Its wide operating temperature ranges from $-40^{\circ} \mathrm{C}$ to $75^{\circ} \mathrm{C}$ for harsh environment.

## Features

- Supports P.S.E. based on IEEE 802.3at up to 30 Watts per port
- RJ-45 port support Auto MDI/MDI-X Function
- Provide one port multi-mode or single-mode fiber-optic with SC connector
- Store-and-Forward Switching Architecture
- Back-plane (Switching Fabric): 1.0Gbps
- 1M Memory Buffer
- 1K MAC Address Table
- Power Polarity Reverse Protect
- Overload Current Re-settable Fuse Present
- IP-30 Protection
- DIN Rail and Wall Mount Design
- Support Wide Operating Temperature $-40^{\circ} \mathrm{C} \sim 75^{\circ} \mathrm{C}$


## Specifications

| Standards | - IEEE 802.3 10Base-T Ethernet |
| :--- | :--- |
|  | - IEEE 802.3u 100Base-FX Fast Ethernet |
|  | - IEEE802.3x Flow Control and Back Pressure |
|  | - IEEE 802.3af/at PoE |


|  | - Stranded wire(AWG): $12-24 / 14-22$ <br>  <br>  <br>  <br> • Torque:5lb-In/0.5Nm/0.56Nm <br> • Wire Strip length: $7-8 \mathrm{~mm}$ |
| :--- | :--- |
| Operating Temperature | $\bullet-40^{\circ} \mathrm{C} \sim 75^{\circ} \mathrm{C}$ fully tested. |
| Operating Humidity | $\bullet 5 \%$ to $95 \%$ (Non-condensing) |
| Storage Temperature | $\bullet-40^{\circ} \mathrm{C} \sim 85^{\circ} \mathrm{C}$ |
| Housing | $\bullet$ Rugged Metal ,IP30 Protection |
| Dimension | $\bullet$ 142mmx36.2mmx105mm (HxWxD) |
| Installation mounting | $\bullet$ DIN Rail mounting and Wall Mounting |
| EMC/EMS | $\bullet$ CE, FCC |
| EMI | $\bullet$ FCC Part 15 Subpart B Class A, CE EN 55022 Class A |
| Safety | $\bullet$ IEC EN60950-1 |
| Stability Testing | $\bullet$ IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), |

## Dimension



## Application



## Ordering information

RP-IPE641SC 4-P Fast Ethernet PoE + 1-100FX (SC/MM 2km) Industrial Ethernet Switch

RP-IPE641C10 RP-IPE641ST

4-P Fast Ethernet PoE + 1-100FX (SC/SM 10km) Industrial Ethernet Switch 4-P Fast Ethernet PoE + 1-100FX (ST/MM 2km) Industrial Ethernet Switch

