

# RS105P Series

## 5-port PoE Industrial Ethernet Switches



- ▶ Support 4pcs RJ45 Ethernet ports and 1pcs fiber ports (SC or ST)
- ▶ PoE ports: 2/3/4/5 ( Up to 30 watts output per PoE port )
- ▶ Supports IEEE 802.3af/IEEE802.3at compliant PoE enabled device
- ▶ Supports 9.6 KB jumbo frames
- ▶ Intelligent power consumption detection and classification
- ▶ Smart PoE over current and short circuit protection
- ▶ -40 to 85°C operating temperature range



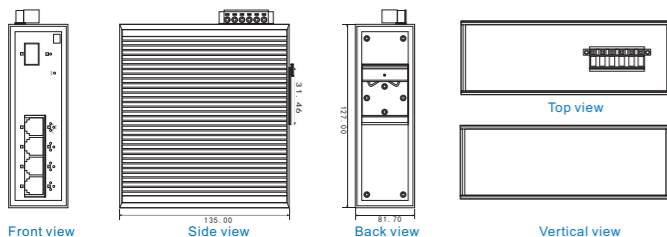
### Overview:

RS105P Series PoE Industrial Ethernet Switches come standard with 4 10/100/1000BaseT(x) 802.3af / 802.3at (PoE) compliant Ethernet ports, provide up to 15.4 / 30 watts at 48VDC input per PoE port. When commercial power is not available or is cost-prohibitive to provide locally in some places,

The RS105P series switches allow power to be supplied to the connected devices such as surveillance camera, wireless access point etc. The wide operating temperature range from -40°C to 85°C can satisfy most of operating environment. Therefore, the switch is one of the most reliable choices for PoE Ethernet application.

### Dimensions:

Size: (mm)



### Order information:

Model No	Description		Watt per port / Total watt
	10/100BaseT(X)	100BaseF(X) or SFP	
WT-RS-10104-AF	4	1	15.4W/60W
WT-RS-10104-AT	4	1	25.5W/120W
	10/100BaseT(X)	10/100BaseT(X)	
WT-RS-10005-AF	4	1	15.4W/60W
WT-RS-10005-AT	4	1	25.5W/120W

### Specifications:

<b>Interface</b>	Fiber Ports:100BaseF(X) or SFP slot Rj45 Ports: 10/100BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection LED Indicators:PWR1,PWD2,L/A,SPD, PoE Alarm Contact:1 relay output with current carrying capacity of 1 A @24 VDC
<b>Switch Properties</b>	MAC Table size:8K Packet Buffer Size:1 Mbit Jumbo Frame Size:10 KB
<b>Power Requirement</b>	Input Voltage:24/48 VDC, redundant dual inputs Input Current:Max 7.5 A @ 24 VDC (supports up to 4 ports at 30 watts per PoE port) Overload Current Protection:Present Connection:2 removable 2-contact terminal blocks Reverse Polarity Protection:Present
<b>Physical Characteristics</b>	Housing:Aluminum, IP40 protection Dimensions:135 x 125 x 45mm (5.3 x 4.9 x 1.8 in) Weight:650g Installation:DIN-rail mounting, Wall mounting
<b>Environmental Limits</b>	Operating Temperature:-40 ~ 85 °C ( - 40 ~ 185 °F) Storage Temperature:-40 ~ 85 °C ( - 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
<b>Standards</b>	EMI : FCC Part 15 Subpart B Class A, EN 61000-6-4(Industrial) EMS: EN 61000-6-2 (Industrial), EN 61000-4-2 (ESD) Level 4, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4, EN 61000-4-6 (CS) Level 3, EN 61000-4-8, IEEE 1613 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 MTBF (mean time between failures) : 305,000 hrs IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT (X) and 100BaseFX IEEE 802.3x for Flow Control IEEE 802.3af / IEEE 802.3at for PoE Processing Type: Store and Forward Flow Control: IEEE 802.3x flow control, back pressure flow control
<b>Warranty</b>	5 years