



Features:

- Control through the RS485 Modbus RTU protocol
- Support 4-way relay output, 4-channel digital input, support 2 analog input
- RS485 interface, 9600bps, 8-bit data, NONE parity, 1 stop bit

Description:

ITT-SC4766 Remote IO Controller is an intelligent device developed by ITTelecom of digital input output and analog quantity input based on RS485. The remote IO controller can conveniently connect to 485 bus to realize accessing RS485. ITT-SC4766 is the ideal choices for user realizing remote control and data acquisition.

ITT-SC4766: Base on RS485 transmission, also can monitor 4 channels digital input, 2 channels analog quantity input and control 4 channels relay output at the same time. The remote IO control and data acquisition use Modbus protocol.

1) 4 Digital input:

Passive switch (dry node)

Active power level (wet node, low level voltage is 0~3V; high level voltage is 8~24V, measuring in 24V power)

2) 2 Analog quantity input: different input method corresponding to different sub-models.

Voltage signal input: 0~5V or 0~10V.

Current signal input: 4~20mA.

Resistant input: 0~10k or resistant type temperature/ humidity sensor and so on.

3) 4 digital output.

Relay output (5A@AC250V/DC 30V)



Technical Parameters:

• Figure	➤ Size: L x W x H =12.2cm×7.2cm×3.4cm
• Serial Port	➤ RS485 port, 1200~115200bps(default 9600),8bits、 NONE parity、 1stop bit
• Relay Transmission Time(Response time)	➤ <30ms

<ul style="list-style-type: none"> • Software 	<ul style="list-style-type: none"> ➤ Upper Layer Protocol: Modbus RTU ➤ Physical protocol: RS485
<ul style="list-style-type: none"> • AI Input Format 	<ul style="list-style-type: none"> ➤ Current: 4~20mA, 0~20mA ➤ Voltage: 0~5V, 0~10V ➤ Resister: 0~10K, temperature/humidity sensor
<ul style="list-style-type: none"> • Power Consumption 	<ul style="list-style-type: none"> ➤ <1.7W <70mA @24V
<ul style="list-style-type: none"> • Environment 	<ul style="list-style-type: none"> ➤ Operation temp.: -40~85°C ➤ Storage temp.: -45~165°C ➤ Humidity: 5~95% relative