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**Model:UT-5510A**

**(Product Name: Digital 4-ch opto-electronic isolation input,  
4-ch relay output I/O controller)**



## 1. Overview

UT-5510A opto-electronic isolation data parallel I/O controller is an 8-bit, 4-channel data input and 8-bit, 4-channel data output, with each data input or output channel resembling several computer interfaces. The module can be remotely controlled by a series of commands via Modbus-RTU protocol, and the module communicates with the host by command data via RS-485 serial bus. The communication baud rate is software-configurable and the maximum transmission rate is up to 115200bps.

## 2. Functions and Features

- ◆ Output: 4-ch
- ◆ Input: 4-ch
- ◆ Communication protocol: Modbus-RTU
- ◆ Baud rate: 1200/2400/4800/9600/19200/38400/57600/115200bps
- ◆ Data format: 1, 8, N, 1
- ◆ Address range: 1~247
- ◆ Port: RS485
- ◆ Power supply voltage: +9 ~ +30V DC
- ◆ Operating current: 300mA@9V max
- ◆ Isolated voltage input: 0 ~ 24V
- ◆ Isolated voltage: 2500V DC
- ◆ Max. contact capacity: 62.5 VA, 60 W
- ◆ Operating temperature: -40°C ~ +85°C
- ◆ Storage temperature: -40°C ~ +85°C
- ◆ Relative Humidity: 5% ~ 95%RH, non-condensation

## 3. Structure Size

