

Model: UT-5510A

(Product Name: Digital 4-channel opto-electronic isolation input

4-channel relay output I/O controller)

# **Datasheet**



### 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-chInput: 4-ch

Communication protocol: Modbus-RTU

• Baud rate: 1200/2400/4800/9600/19200/38400/57600/115200bps

Data format: 1, 8, N, 1Address 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

Storage temperature: -40 C +65 C

• Relative Humidity: 5% ~ 95%RH, non-condensation

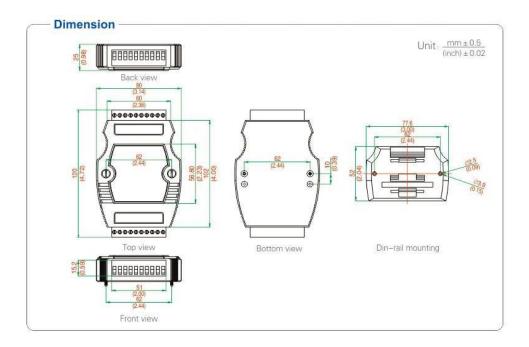
## 3. Appearance



UTEK TECHNOLOGY 1



## 3. Dimensions



UTEK TECHNOLOGY 2