

# Model:UT-5564A

**4-channel analog output module**

## Datasheet



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## 1. Overview

The UT-5564A is a remote analog output and control module that provides D/A digital input/analog output functions and supports -10V ~ +10V DC voltage signal and 0 ~ 20mA DC current signal output. The module can be remotely controlled by a series of commands via Modbus RTU protocol, and the module and the host computer communicate via RS-485 serial bus using command data form. The communication baud rate is software settable, and the maximum transmission rate can reach 115,200 bps.

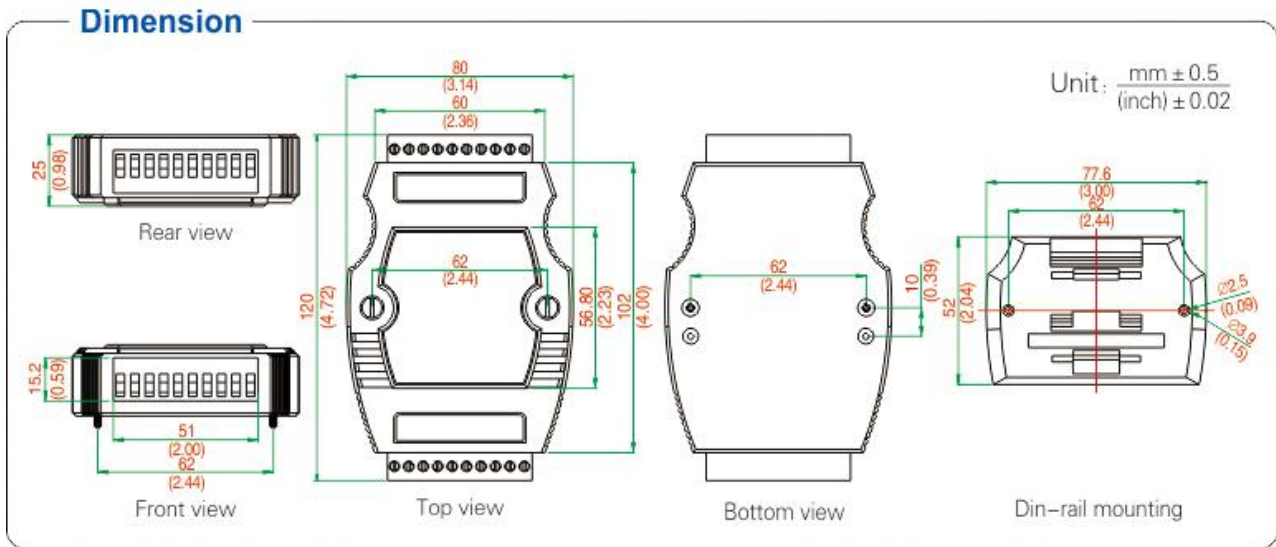
## 2. Technical Parameters

- Output channels: 4 channels
- Communication protocol: Modbus-RTU, support 03, 06, 16 commands
- Baud rate: 1200/2400/4800/9600/19200/38400/57600/115200 bps
- Data format: 1, 8, N, 1 / 1, 8, E, 1
- Address range: 1~247
- Interface type: RS485
- Voltage output: -10V ~ +10V
- Current output: 0 ~ 20mA
- Accuracy:  $\pm 0.5\%$  of FSR
- Current load resistance: 1K $\Omega$  (external 24V DC)
- Isolation voltage: 3000V DC
- Supply voltage: +12 ~ +30V DC
- Power consumption:  $\leq 2.5W$
- Operating temperature: -40 ~ 85°C
- Storage temperature: -40 ~ 85°C
- Relative humidity: 5 ~ 95%RH, non-condensing

## 3. Product View (Appearance)



## 4. Structure Dimension



## 5. Ordering Information

Model	Signal/ Interface			Protection level	Baud rate	Operating Environment			Power	
	RS-232/485	Analog input	Analog output			Temperature		Humidity		
	Terminal Block			RS232/485		-25~70℃	-40~85℃	5~95%	plug and play	External power
UT-5564A	√		√	600W Surge	1200bps~115200bps	√		√		9~30VDC