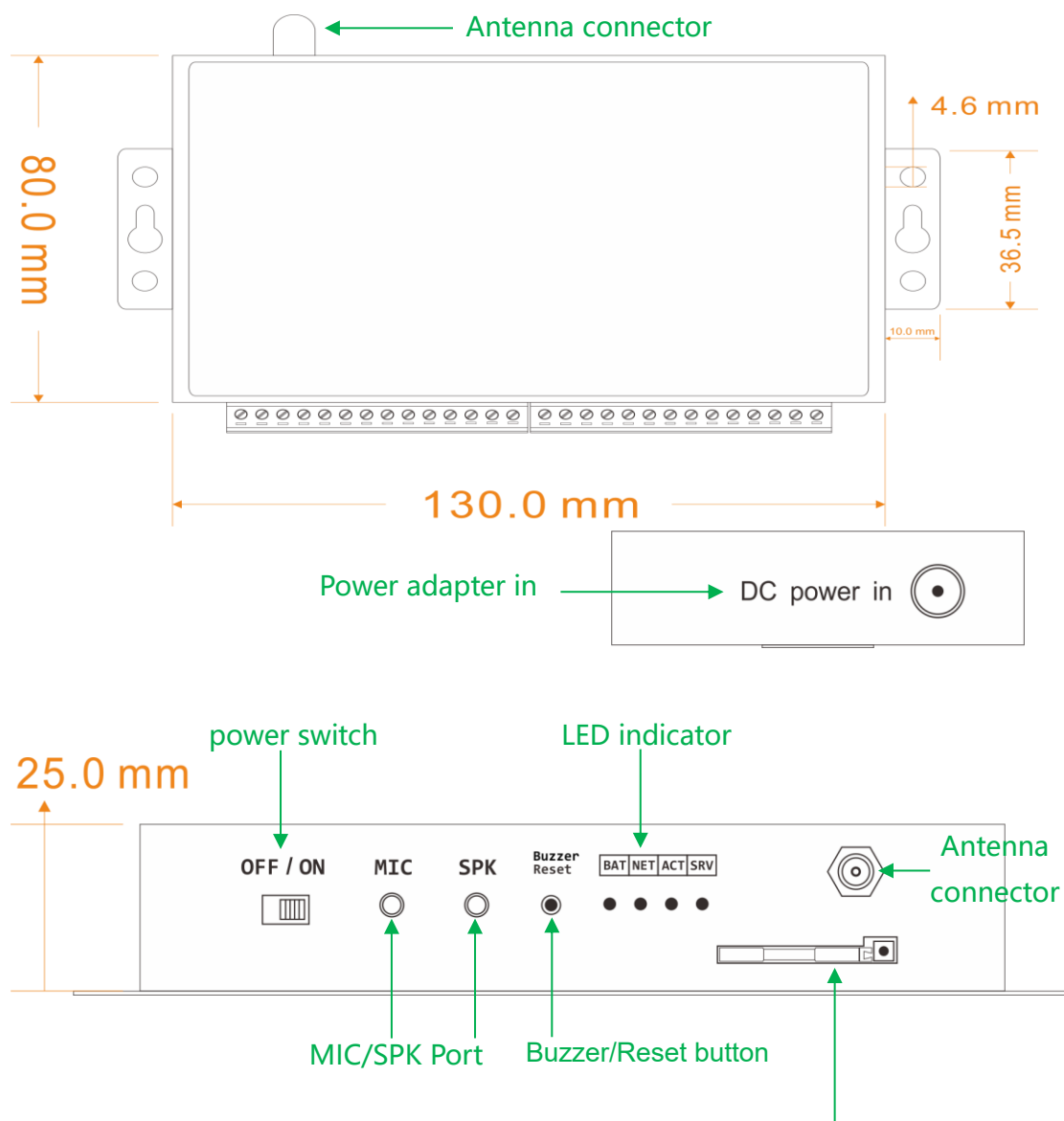


Number	Version	Updated time
	V2.0	2018-1

CWT5018 Installation Manual

1 SIZE



Install SIM card: Press the small yellow dot and the SIM card slot out. put SIM card into the slot and plug back.

2 HARDWARE DESCRIPTION

2.1 DC power in

This is connector for power adapter in

Connector specification: 5.5*2.5mm (5.5mm inside diameter, 2.5mm central pin)

2.2 LED indicator description



Indicator	Status	means
BAT (Green)	On	Interior battery is charging
	Off	Interior battery is fully charged
NET (Red)	flashing quickly	Registering network
	Flashing slowly	Network register successfully
ACT (Yellow)	flash every 600ms	In setup mode
	flashes every 6 seconds	Disarm status
	Flashing 2 times every 3 seconds	Arm status
SRV (Orange)	On	1.When system start (power on) 2.While sending messages
	Off	1.System start complete 2.Sending message complete

2.3 Internal buzzer

Sound about 80dB within 10cm

2.4 Buzzer Reset button

Press it to clear the alarm sound when the buzzer sound

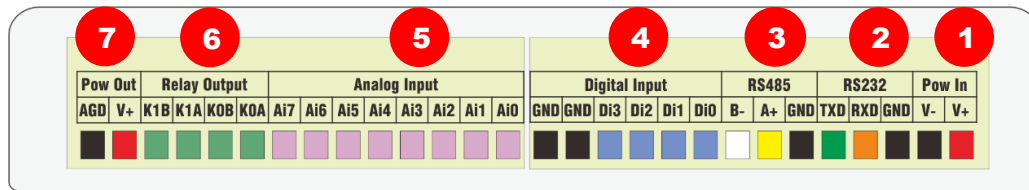
2.5 MIC/SPK Port

MIC	3.5mm audio in , connect MIC to monitor voice
SPK	3.5mm audio out , connect loudspeaker to speak
Function: The voice input and output interface when the RTU is talking to the user on site	

2.6 Antenna

Standard SMA female interface (50Ω)

2.7 Wiring terminal



Terminal specification: 14pin * 3.81mm

① DC9-28V (Power in or out)

DC9-28V power in V+ and V-

in this way, do not need to power into the right side “DC power in” connector

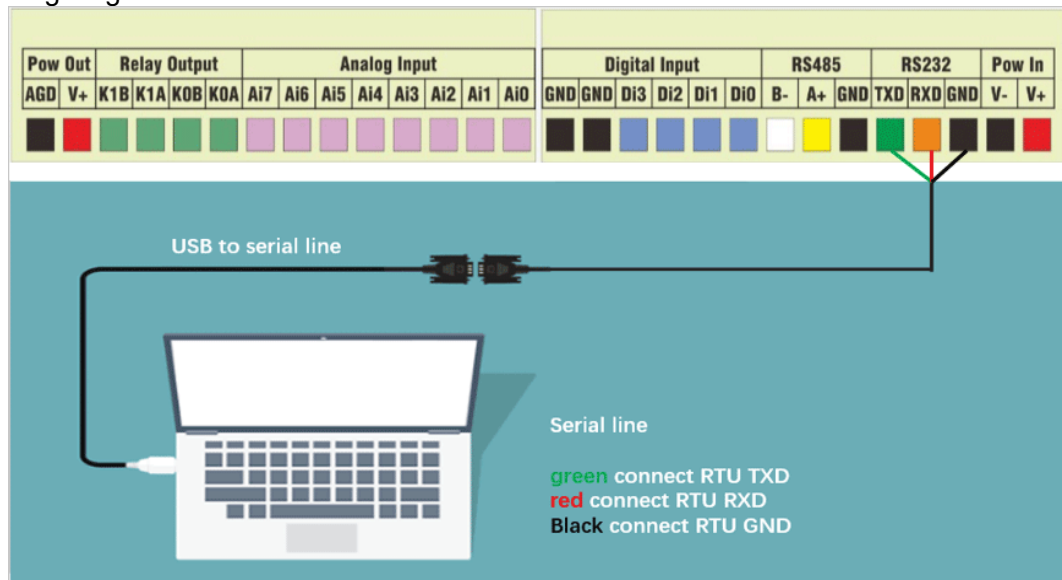
V+ and V- can be power out for exterior device (like sensor etc.)

In this way, need to power into the right side “DC power in” connector.

the output voltage is equal to the RTU power supply voltage.

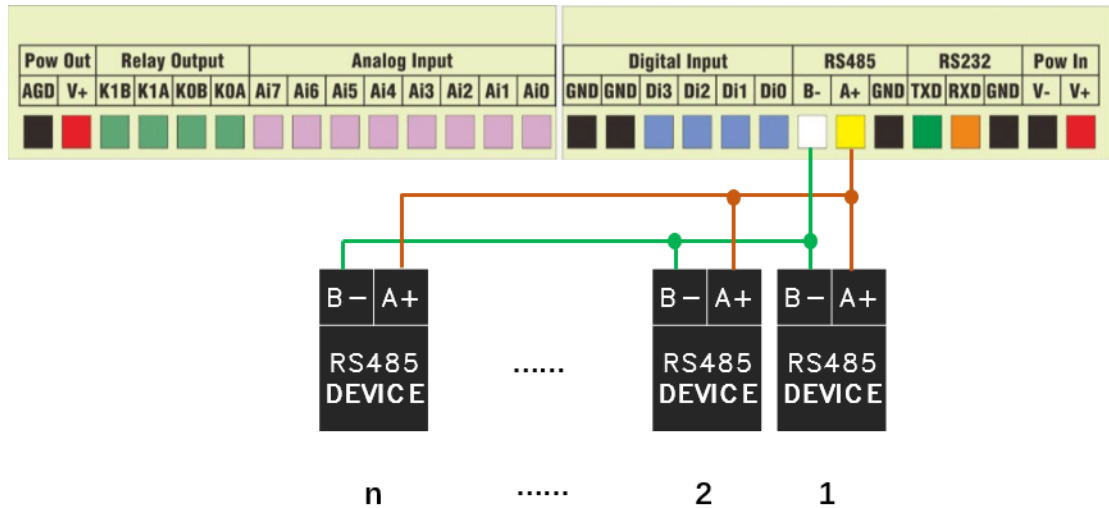
② RS232

wiring diagram



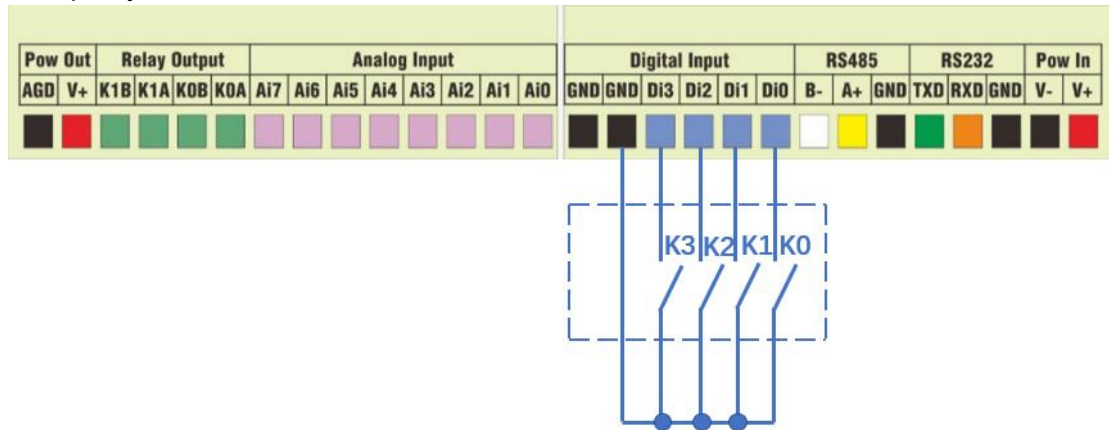
③ RS485

A+	Connect to other RS485 device / sensor A +
B-	Connect to other RS485 device / sensor B-
Function: often use Modbus RTU protocol to communicate with other devices; or used for transparent transmission of R485	



④ 4 Digital Input

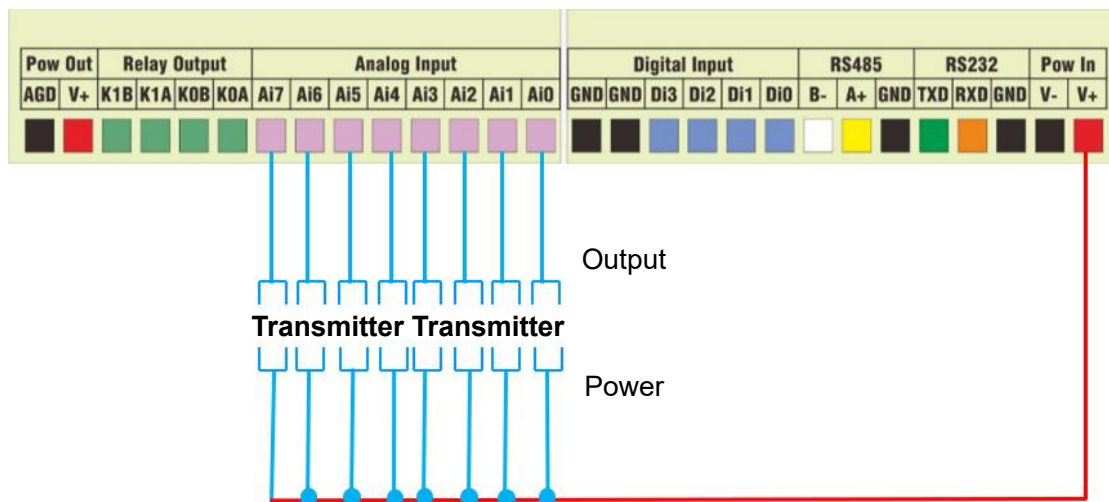
Accept dry contact



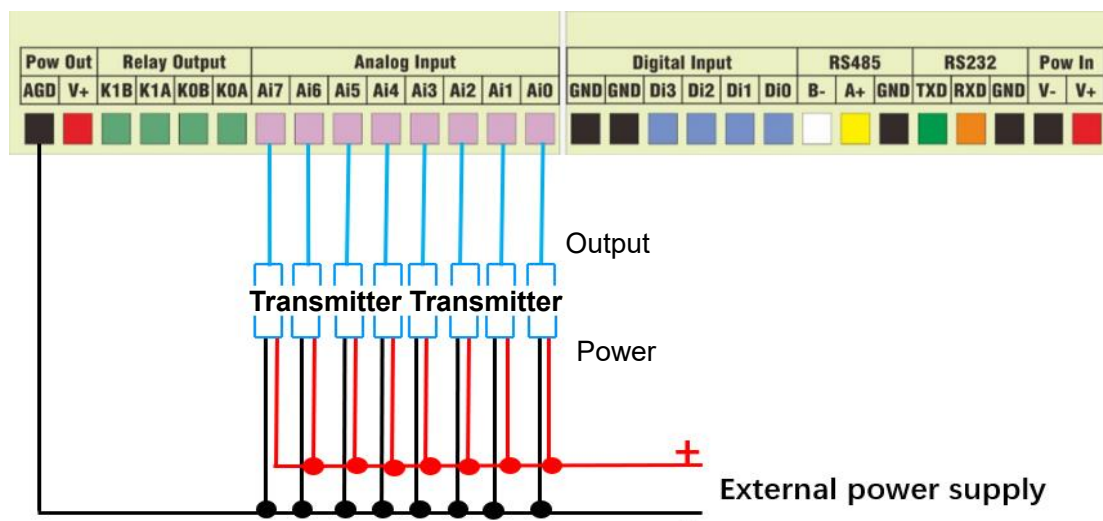
⑤ 8 Analog Inputs

Type: 4 ~ 20mA <default>

Two-wire connection (transducer and RTU use same power supply)



Three-wire connection (transducers use independent power supply, the power's ground must connect to the RTU's AGD)



⑥ 2 Relay Output

Relay parameters: NO contact, contact load 2A125VAC, 220VDC

