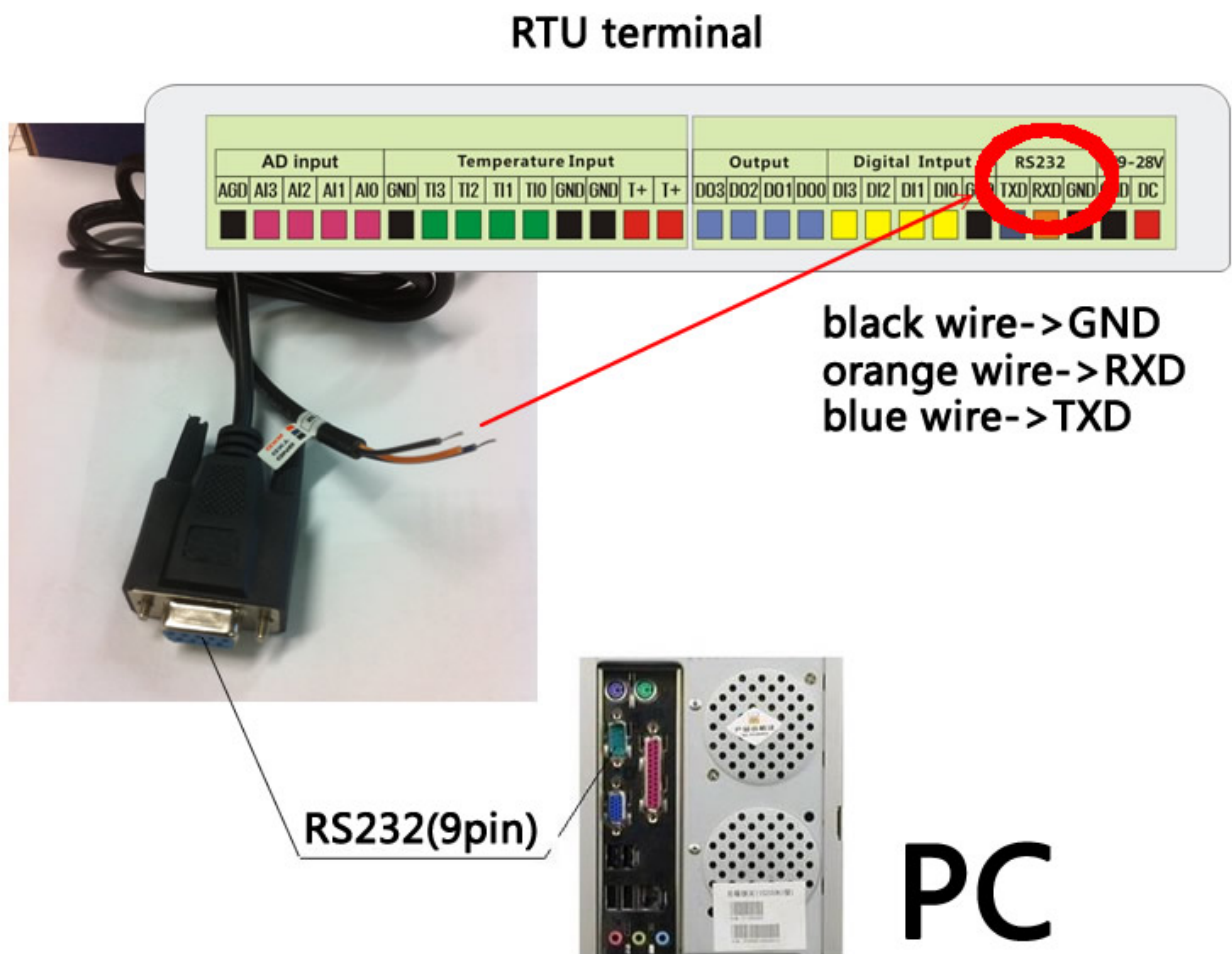


RTU Quick Start

1 CONNECT RTU TO PC

Connect RTU and computer with RS232 cable



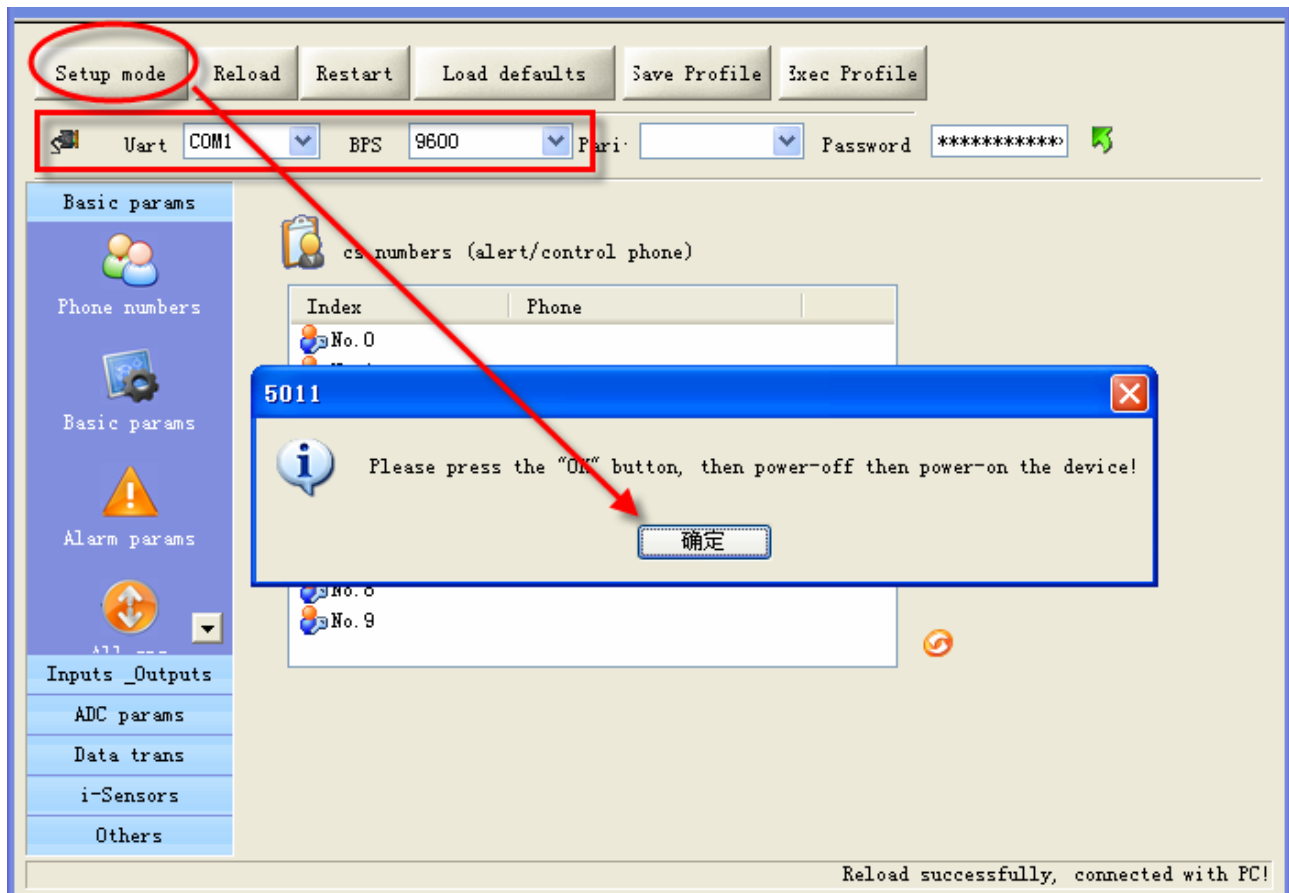
2 SETUP RTU BY SOFTWARE

Run the configuration software

2.1 Access setup mode

Connect RTU and computer with RS232 cable, and open the configuration software, make RTU access setup mode according to the following step.

- i. Power off RTU
- ii. Choose the serial port No. and rate correctly
- iii. Click “Setup mode”, press “OK”
- iv. Power on RTU



⚠ How to know RTU is in “Setup mode”:

Check the ACT light, if the ACT light flickers twice per second that means it is in the setup mode

⚠ NOTE

Access setup mode, the simcard and antenna is unnecessary, but access working mode, the simcard and antenna is necessary.

In setup mode, all functions are disabled, only to setup parameters. And RTU must be restart to enter working mode, all functions is enabled, the RTU can alarm and be control.

2.2 Setup RTU ID

Basic Parameters configuration window. The 'device id' field is highlighted with a red box and contains the value '1'. The status bar at the bottom right says 'Powerup success'.

The ID must be set, otherwise GPRS server do not receive data from the RTU, for example, ID is 1

2.3 Setup GPRS parameters

GPRS Settings configuration window. The 'GPRS Setup' button in the left sidebar is highlighted with a yellow circle. The 'GPRS Server' dialog box is open, showing the 'Server Address' field with the value '183.15.156.165'. The status bar at the bottom right says 'Reload successfully, connected with PC!'.

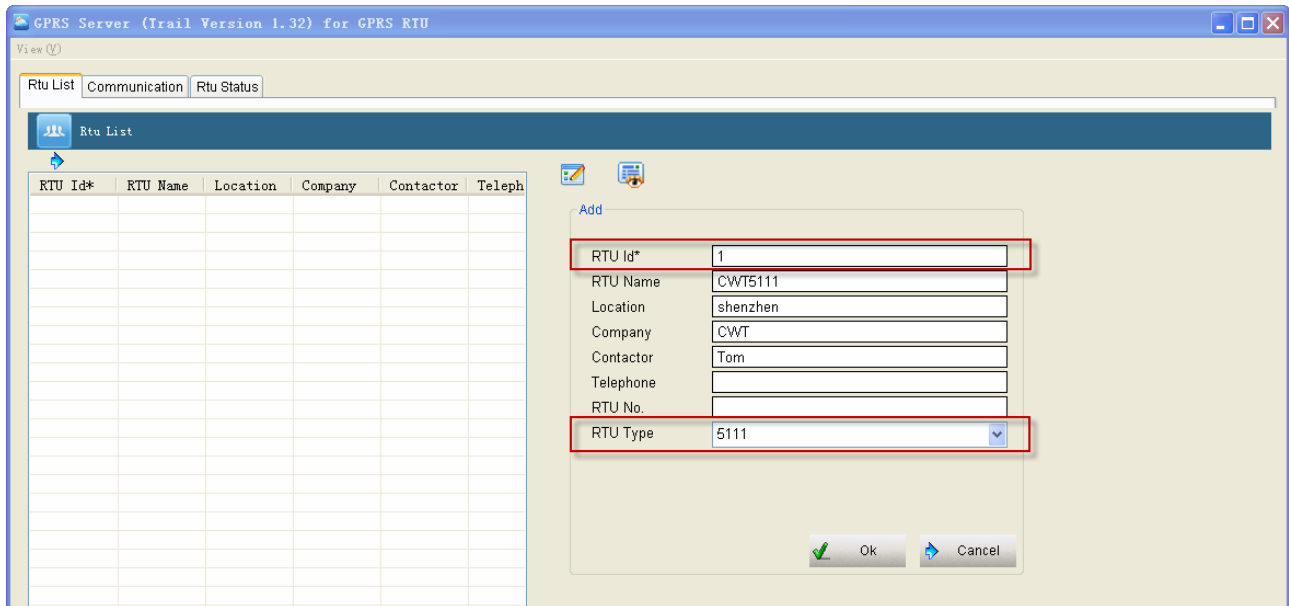
RTU transmits data to server, so must setup target server's IP address, port and protocol.

NOTE: server IP must be a public fixed IP address or a domain.

If your PC only has an internal network IP, probably something likes 192.168.1.XXX. You must do port Forwarding in your router.

3 TEST

Run the GPRS server, and add a RTU information



Note: The RTU id is same as the device ID that be set in RTU, for example, ID is 1

Restart RTU and waiting it access working mode, you can see the data from RTU in GPRS server

