Quick Start Guide

MODBUS GATEWAY

MODEL ATC-1300

1. Check Package Content

- ATC-1300 Modbus Gateway   1PCS
- Documentation and software CD   1PCS
- Quick installation guide (printed)   1PCS
- Ext power adapter   1PCS

2.Hardware Installation

- Connect an Ethernet cable to ATC-1300 unit if connecting to a switch or PC over straight cable as figure1
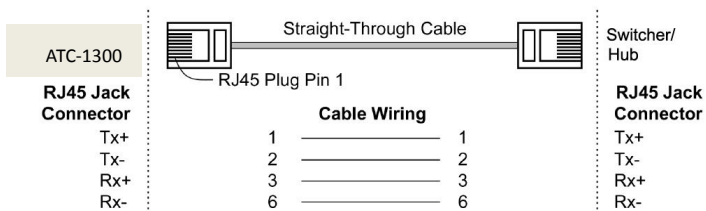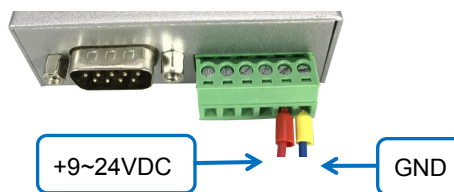

ATC-1300	Straight-Through Cable	Switcher/Hub
RJ45 Jack Connector	**Cable Wiring**	**RJ45 Jack Connector**
Tx+	1 ——— 1	Tx+
Tx-	2 ——— 2	Tx-
Rx+	3 ——— 3	Rx+
Rx-	6 ——— 6	Rx-

Figure1

RS-232 Assignment: (DB9 Male）

（DB9Male）	Signal	I/O
PIN2	RXD	IN
PIN3	TXD	OUT
PIN5	GND	-
PIN7	RTS	OUT
PIN8	CTS	IN

RS-422/485 Assignment:（Six Terminal from left）

Terminal No	1	2	3	4	5	6
RS-422	R+	R-	T+	T-	VIN	GND
RS-485	A	B	-	-	VIN	GND

- Connect the power adapter to ATC-1300 and other apply power. Power from other device.(+9--+24V@500-100mA).

+9~24VDC → ← GND

3. LED indication

LINK —— Indication Ethernet Link，Green on Ethernet Link established。

TXD —— Data Sending from Ethernet to Serial port

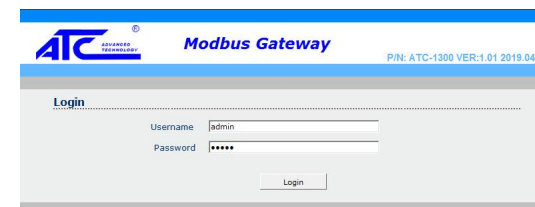RXD —— Receiving data from Serial port to Ethernet

PWR —— Indication Power on

4.Software Installation

- Insert the software CD and search for such as F:/Driver/ ATC-1300 folder to run AXR2E_Configuration_Utility_Setup_32bit.exe or AXR2E_Configuration_Utility_Setup_64bit.exe depand on which OS do you have.

Note: Be sure you have administrative rights

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5. Configure the ATC-1300

- Use this section to set up your computer to assign it a static IP address in the *192.168.2.1 to 192.168.2.254* range with a subnet mask of 255.255.255.0. This is necessary to ensure that your computer can communicate with your ATC-1300. Your computer must have an Ethernet card and TCP/IP installed. TCP/IP should already be installed on computer using Windows 98/2000/XP/win7/win10 and later operating systems.

- Open your web browser and type **http://192.168.2.125** in the browser's *address box*. This address is the factory set IP Address of your ATC-1300. Press "**Enter**".

- The **"Username and Password required"** prompt box will appear. Typing "**admin**" (default username) in the Username field and typing **"admin"** (default password) in the Password field. Click "Login". The setup screen will then appear.

6.Get the default settings of ATC-1300

Step1:Power on ATC-1300 and find the button as below photo.

Step2:Press the button near to RJ45 and wait about 5 seconds

Step3:Release the button.

Step4:reboot.

Restore Button