



Features:

- Analog Input 16-bit Resolution
- Analog Output 12-bit Resolution
- Support Analog Input/Output 0/4 ~20mA or 0~10V
- Support PT-100 Or PT-1000 (2/3/4-wired)
- Support J,K,T,E,R,S,B Thermocouple
- Free Monitor PC Software "ATC Utility"
- Burn-out Detection

Description:

The ITT-IO3621 remote Ethernet I/O Modbus module, support TCP/IP protocol, through the Ethernet interface with other Modbus TCP/IP protocol or PC communication equipment or remote control. Ethernet also supports 8 independent TCP communication connection, can use mobile phone, computer network remote monitoring page, also can be connected to the A-1812 Wi-Fi bidirectional remote controller directly control the output, no the need for any controller.

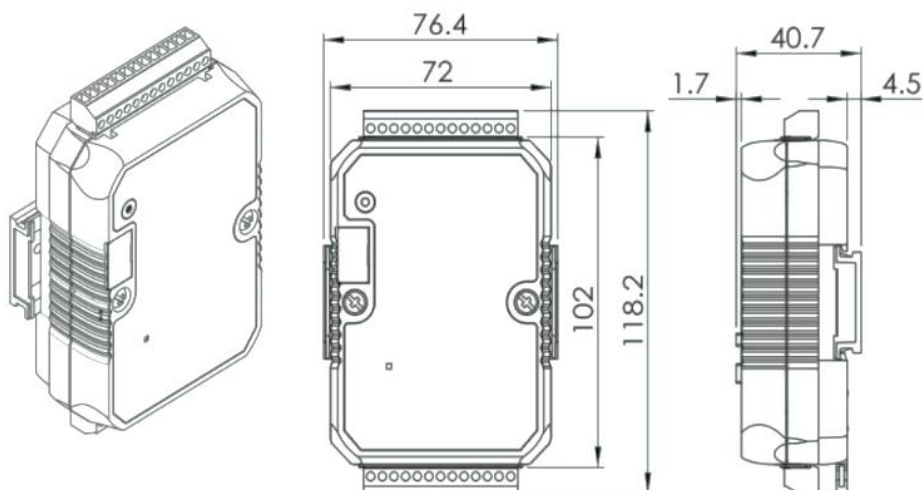
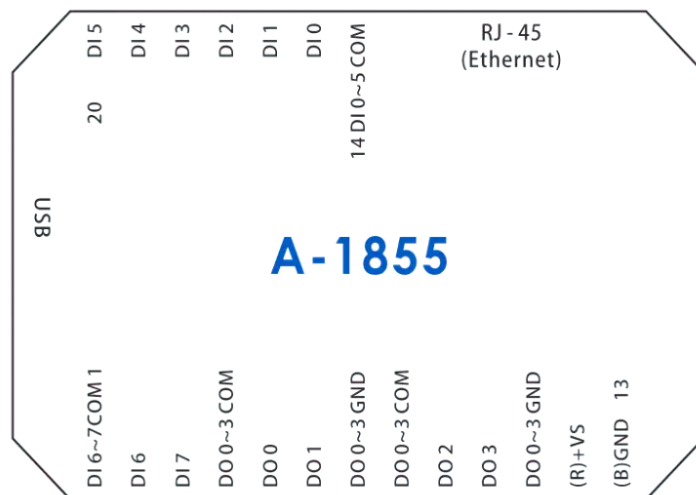
Remote Modules

- 1) Analog Input 16-bit Resolution
- 2) Analog Output 12-bit Resolution
- 3) Support Analog Input/Output 0/4 ~20mA or 0~10V
- 4) Support PT-100 Or PT-1000 (2/3/4-wired)
- 5) Support J,K,T,E,R,S,B Thermocouple
- 6) Free Monitor PC Software "ATC Utility"
- 7) Burn-out Detection
- 8) Ethernet Interface + USB Interface
- 9) Supports 8 Independent Sockets Simultaneously
- 10) Remote Monitoring And Control With Mobile Devices
- 11) Built-in Step Motor Driver, Connect Directly
- 12) Output Over Current Protection (OCP)
- 13) Output Over Thermal Protection (OTP)
- 14) Output Under Voltage Lockout (UVLO)
- 15) Support MODBUS TCP/IP, MODBUS RTU
- 16) Flexible User-defined Modbus address
- 17) Support LAN 10/100 Mbps Communication Rate
- 18) Support 10K/6.8K/4.7K/3.3K/3K/2.7K/2.25K/2.1K/2K/1.5K/1K Thermistor



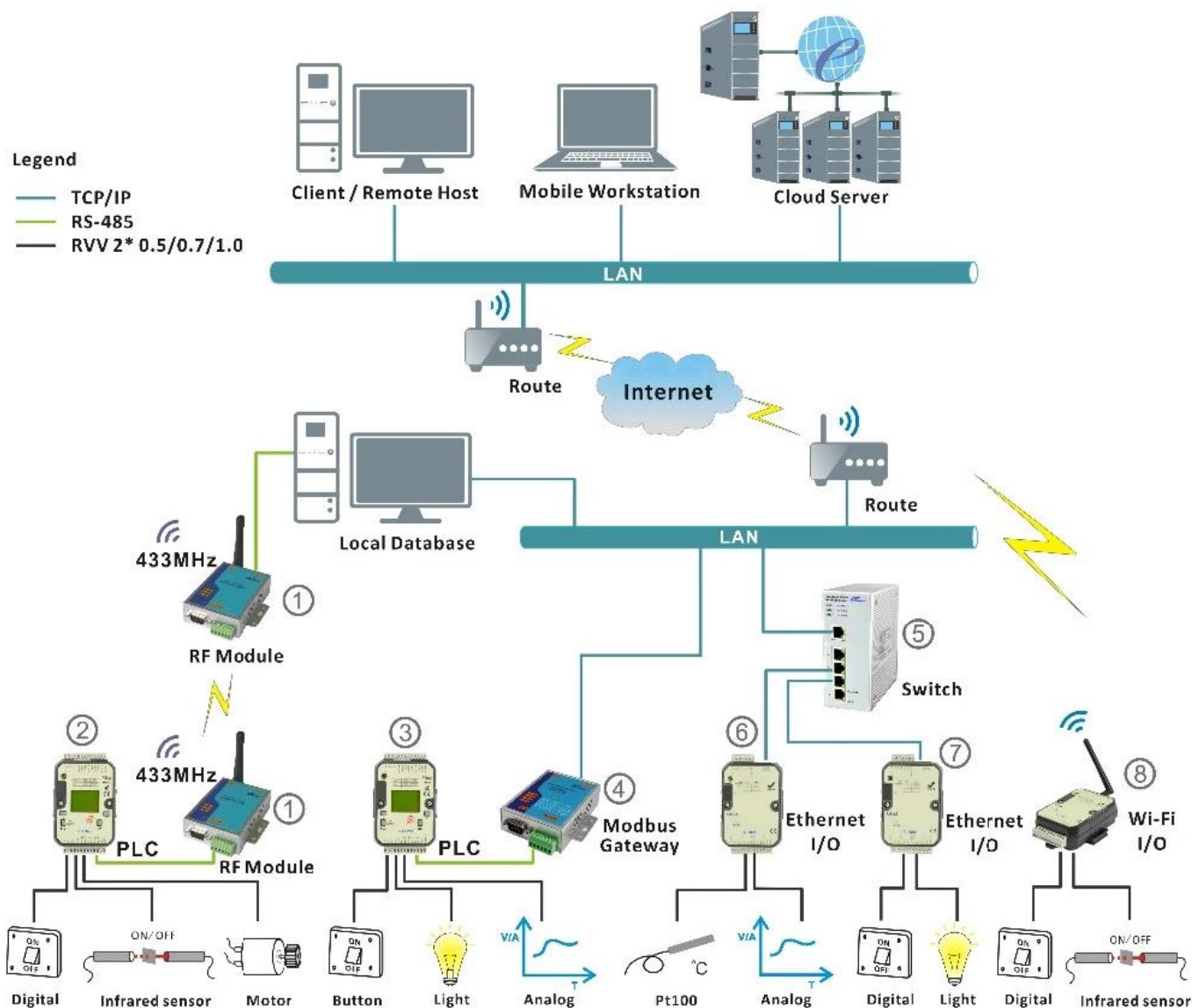
Database Software

- 1) Monitor & Database Function
- 2) Use For Yottacontrol Whole Series Controller And TS-48 Time Switch
- 3) Windows98/ME/2000/XP/Vista/7/8/10
- 4) Quick Setup Distributed Device Parameter & Monitoring
- 5) Can Monitor DCS Program & Parameters
- 6) Can Monitor PLC Program & Parameters
- 7) Monitor & Database Can Use For SCADA
- 8) Real-Time Monitoring, Warning Setup
- 9) Monitor Hundreds Controllers & Distributed Devices
- 10) Component Name Comment
- 11) Easy Logical Program Function
- 12) Time Switch Series Edit
- 13) Multi Communicate Parameter Function
- 14) Support MODBUS TCP-IP/UDP-IP/RTU/ASCII
- 15) Quick Setup Controller RTC Parameter



Supported Modbus

Address 0x	Item	NOR	INIT*
00001~00016	0~15 DI Input Signal	R	R
00017~00032	0~15 DO Output Value	R/W	R/W



No.	Type	Description
①	ATC-863-S2	Wireless Module. 1*RS-485
②	A-5188D-T	PLC Controller, 8DI, 4DO Transistor. 1*USB/2*RS-485/1*RS-232
③	A-5189D	PLC Controller, 4DI, 4AI, 4DO Relay. 1*USB/2*RS-485/1*RS-232
④	ATC-3002	1-Port Modbus Gateway. 1*RS-485/1*RS-422/1*RS-232
⑤	ATC-405	5-Port 10/100M Fast Industrial Ethernet Switches
⑥	A-1812	Ethernet I/O Module. 2DI, 4AI, 2AO. 1*USB/1*10/100M Ethernet
⑦	A-1860	Ethernet I/O Module. 8DI, 4DO Relay. 1*USB/1*10/100M Ethernet
⑧	A-1260	Wi-Fi I/O Module. 7DI, 4DO Relay. 1*USB/1*WIFI/1*RS-485

RS-485 Remote Modules

A-1812	ETHERNET ADIO Remote Modules,4AI(0~20/4~20mA + PT-100/1000),2AO(0~20/4~20mA),2DI,ETHERNET*1,USB*1
A-1819	ETHERNET ADIO Remote Modules,8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor),ETHERNET*1,USB*1
A-1851	ETHERNET DI Remote Modules,16DI,ETHERNET*1,USB*1
A-1855	ETHERNET DIO Remote Modules,8DI/4DO,Motor Driver Output,ETHERNET*1,USB*1
A-1860	ETHERNET DIO Remote Modules,8DI/4DO,Power Relay Output,ETHERNET*1,USB*1
A-1869	ETHERNET DIO Remote Modules,8DO,Power Relay Output,ETHERNET*1,USB*1

ELECTRONIC EQUIPMENT

- SORTING MACHINE
- LOADER & UNLOADER
- PACKAGING MACHINE
- DETECTOR
- CUTTING MACHINE
- LAMINATOR
- COATING MACHINE
- LAPPING MACHINE
- FEEDING SYSTEM
- PRECISION MACHINERY

ELECTROMECHANICAL EQUIPMENT

- SPRAYING MACHINE
- EVAPORATION
- MACERATOR
- CALENDER MACHINE
- FLUSHING MACHINE
- ELECTROPLATING MACHINE
- WELDING MACHINE
- PRESS MACHINE
- CUTTING MACHINE
- BENDING MACHINE
- BOBBIN MACHINE
- BURN-IN EQUIPMENT
- DIE CASTER
- HEATING PROCESSING

FOOD & BEVERAGE

- PACKAGING MACHINE
- SEAL-CAPPING MACHINE
- LABELLING MACHINE
- FORMING MACHINE
- BLENDER EQUIPMENT
- CASING MACHINE
- FILLING MACHINE
- DRYER EQUIPMENT
- WEIGHT SEPARATOR
- CAPPING MACHINE
- INJECTION MACHINE
- TEMPERATURE-CONTROL

Technical Parameters:

• Operation Voltage	➤ 10~30VDC/24VAC
• Inputs	➤ 8*Isolation DI ➤ status low:<1VDC ➤ status high:>5~30VDC
• Outputs	➤ 4*(Motor Driver)
• Continuous Current	➤ 8-60VDC(1.75A)
• Communication Baud Rate	➤ 10/100Mbps
• Isolation	➤ YES(5000VDC)

• Input Operating Frequency	➤ 10HZ
• Output Operating Frequency	➤ Transistor:10HZ
• Operation Temperature	➤ -20 to +75 °C
• Degree Of Protection	➤ IP20
• Installation	➤ 35 mm DIN rail or Flush mounting
• Dimension (W x H x D mm)	➤ 76.4*118.2*38.5 mm
• Interface	➤ Ethernet + USB
• Channel Independent Configuration	➤ YES
• Sampling Rate	➤ 10 sample/second (total)
• CMR @ 50/60 Hz	➤ 120 dB
• Span Drift	➤ ±50 ppm/°C
• Zero Drift	➤ ±18 μV/°C
• Temperature Ranges	➤ (PT-100:-200~+600°C) (PT-1000:-200~+600°C) (J:0~760°C) (K:0~1,370°C) (T:-100~400°C) (E:0~1,000°C) (R:500~1,750°C) (S:500~1,750°C) (B:500~1,800°C) ➤ (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:0~100°C) (Thermistor-4.7K:0~100°C) (Thermistor-3.3K:0~100°C) ➤ (Thermistor-3K:0~100°C) (Thermistor-2.7K:0~100°C) (Thermistor-2.252K:0~100°C) (Thermistor-2.1K:0~100°C) (Thermistor-2K:0~100°C) ➤ (Thermistor-1.5K:0~100°C) (Thermistor-1K:0~100°C)