

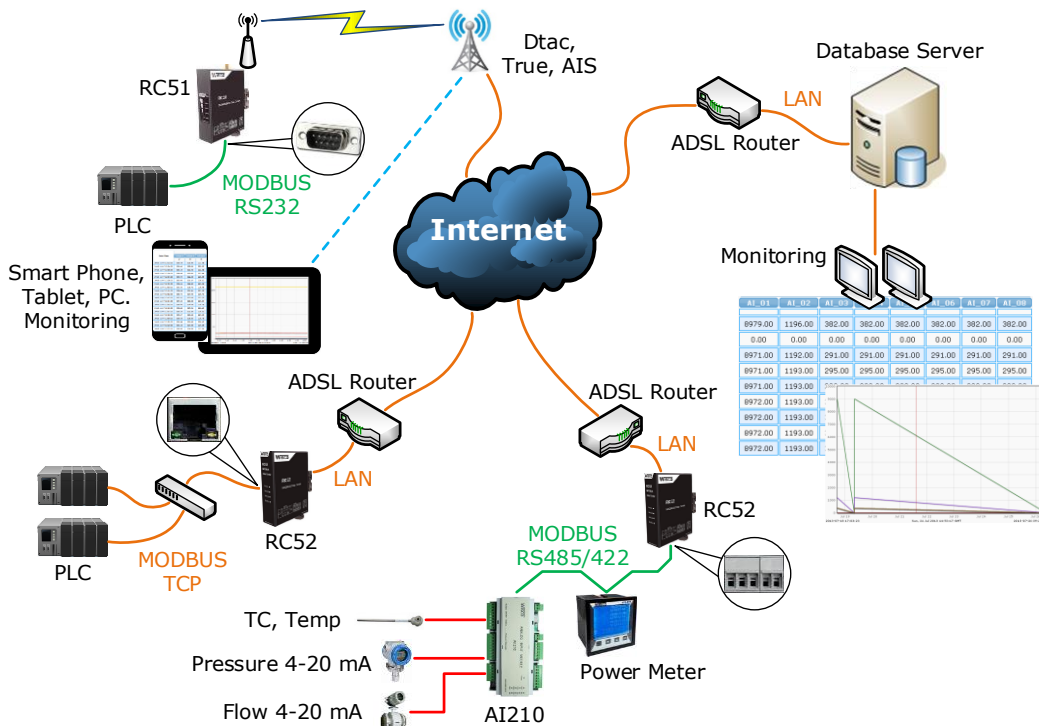
Modbus Data Center

RC52



- Smart Phone, Tablet, PC. Real Time Monitoring
- Automatic Synchronous Database Server (MySQL, SQL Server)
- Interface RS232, RS485/422
- Online Monitoring
- Easy Setting by Embedded Web Console
- Keep Data as Tag (Max. 128 tags Option)
- Support Modbus RTU, ASCII, TCP
- Data backup more than 1 Week

Modbus Data Center RC52 is device for collecting data from Field Devices such as PLC, Power Meter, Flow Meter, Analog Module, RTU etc. Device is communicated with MODBUS RTU/ASCII/TCP protocol, compatible with (Serial Port) RS-232, RS-485 and RS-422. All of collecting data will be saving as "data tag" which is similar to SCADA then data will be sent to database server (MySQL, SQL Server). Can view data simultaneously via Smart Phone, Tablet, PC.



Specifications

Ethernet Interface

Speed: 10/100 Mbps, Full-duplex or Half-duplex, Auto MDI/MDIX

Connector: RJ45

Standard: 10 Base-T/100 Base-T Standard

Transmission: 100 m.

Protocols: MODBUS TCP (Max. 8 Connection), TCP/IP, UDP, DHCP, HTTP

Configuration: Web Console

Serial Interface

Serial Standards:

RS232 through D-Type 9 pin connector

RS485/422 (Isolated) 5 Pin Terminal Block

Loading: RS485/422 Max 32 Unit

Distance:

RS232 length 15 m.

RS485/422 length 1 Km.

Protocol: Modbus RTU, ASCII

Serial Parameter

Baud Rate: 4800, 9600, 19200, 38400, 57600, 115200

Data Bits: 7, 8

Stop Bit: 1, 2

Parity: None, Odd, Even

System Requirement

Web Server: Apache, IIS

Script: PHP

Database: MySQL, SQL Server

Record

Storage Interface: 256 Mbytes

Data Capacity:

@ 1 Tag = 22,369,621 Records

@ 80 Tags = 818,400 Records

Sampling 1 min. = 568 days

Sampling 10 sec = 94 days

@ 128 Tags = 516,222 Records (Optional)

Sampling 1 min = 358 Day

Sampling 10 sec = 59 Day

Power Requirements

Power Supply: 12 to 24 VDC

Power Consumption

Standby: 120 mA @ 12 VDC (1.5 W)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W30 x H122 x D98 mm.

Mounting: DIN Rail

Warranty

Warranty Period: 5 Year

Ordering Information

Example

Specify Data Capacity
RC52/80 Tags

Package Checklist

1. RC52
2. LAN Cable

