



Connecting the
world with Zillion
IoT suit

ST-54

Ethernet | IoT Gateway

CONNECTING SENSORS



Energy meter



Water meter



Contactor



PLC/IO Cards/HMI



Temperature



Level



Pressure



Vibration



PRODUCT DESCRIPTION

Zillion ST-54 is a smart Modbus/RTU/IO to Ethernet gateway, Expand your Data communication over wired networks by Ethernet Gateway with Secure and twoway communication, without in-depth knowledge of Protocol Concepts. Our Smart Modbus Gateways Series replaces the complex approach of sending the Modbus slave data to the centralized server, either single or multiple slaves. The device collects the data through MODBUS (RTU) protocol and sends it to the centralized server through Existing LAN using TCP or Http mode. All the Parameter is configurable via PC Utility or IP Utility or Server IP Commands, All configurations are done remotely. Not required to have the device during configurations. It's a generic device to fetch the Standard Modbus Slave device like Energy meters, Solar Inverters, PLC, Windmill, AMR, IO Modules, Flow Meters and more. The built-in smart data redundancy communication paths of Ethernet in RTU Gateway, the data would be guaranteed to transfer your centralized server. We also provide a Cloud based Graphic interface (based on client requirements) to manage your device machines easily. Users can monitor and control the Slave and I/O data of RTU devices.

DATASHEET/ TEST REPORT

Interface	RJ 45 Ethernet 10 BASE-T or 100 BASE-TX (Auto)
Speed	10/100 Ethernet Half / Full Duplex (Auto negotiating)
Modbus protocol	Modbus RTU Master
Transmit Protocol	Configurable TCP, HTTP, HTTPS
OTA	Firmware Updating via FTP
Power Supply	12V to 24V DC (Reverse Polarity Protection)
Electrical Standard	TTL or RS-232 or RS-485
RS-485 Port	Multiple Modbus Slave Device Connection
RS-485 Modes	Transparent / Modbus Polling Formatted (ASCII / HEX / RawHEX)
Input Port	2 Chanel (0 to 24V) Analog / Digital Input
RS232 Port	PC Utility for Device Configuration
LED Indicator	Power, IP, Modbus Communication Status
Connector	Micro Fit-5.0 (8 pins – 2 Power / 2 Modbus / 2 IOs)
Dimension	100mm x 85mm x 24mm (L x W x H)
Weight	160 grams
Operating Voltage	10V - 24V DC
Operating Temperature	-10C to +55C