



IOT Enabled
Devices



IOT Web
Dashboards



SMS Alert
Modems



Embedded
Systems

RS485 IOT Gateway TIG-101



Energy Metering



PLC interfacing



Environmental Monitoring



Industry 4.0

ABOUT DEVICE

IOT Gateway is a Wireless GSM/Wi-Fi/Ethernet Enabled Device which can read data from any MODBUS RTU Enabled Equipment and send the processed data to any MQTT Enabled Cloud. Our IOT Gateway device TIG-101 is having 1 MODBUS RTU Serial Communication port and 4 Digital/Analog Input/Output optional Ports for interfacing of different industrial process instruments and meter. TIG-101 can be interfaced with different MODBUS slave devices like Energy Meters, Flow Meters, Temperature scanners, PLC's etc. The MODBUS Parameters such as Baud rate, parity, Stop bits and Register address map can be configured inside the Device using embedded web server Software. The Device can process Maximum 200 parameters/tags at a time. TIG-101 has rugged industrial ABS Enclosure Design and DIN rail/ wall mounting facility for easy installation. TIG-101 Gateway support 12V-28VDC Wide Power Supply range and has High voltage spike protection against network transients. The Device firmware can be updated remotely over the air for maintenance updates. Device can be connected to our Technode IOT Dashboard for visualization and management of your machine / things data.

PRODUCT FEATURES

- 4G/Wi-Fi/Ethernet Based flexible connectivity options
- MQTT Based Configurable Cloud options
- Embedded Web Server based easy configuration
- Data Visualization on Technode IOT Dashboard
- OTA support (Over the Air Update Support)
- 4 optional Digital / Analog Inputs/Outputs
- 200 MODBUS tags reading capacity
- 12V-28V Wide Power Supply Range

