भारते निर्मितम्

ATREYO®
SOLUTIONS THAT SIMPLIFY

AG-207

Programmable OpenWRT LTE IoT gateway with RS485 and digital inputs



Features

- OpenWRT system
- Inbuilt website for configuration
- 4GLTE, GSM, WiFi connectivity
- Inbuilt GNSS
- RS485
- USB host with support of storage and additional serial converters
- Advanced routing techniques and support for multiple VPNs
- 6000+ ready-to-use applications
- Fully programmable Linux environment

Advantages

- More RAM in this class of products
- Additional 512MB memory as overlay
- Opto-isolated digital inputs
- Native application for Modbus RTU/TCP gateway with MQTT, HTTP and TCP/IP
- Possibility to write your own applications and scripts
- Supports C, Python, Java, NodeJS etc.
- Compatible with multiple industrial protocols
- Integration with Atra

Applications

- EV Charging, vending machines, industrial instrumentation
- Monitoring of energy supply systems for solar and grid and water supply
- Monitoring of industrial machinery
- LTE internet access for cameras

Introduction

AG-207 is a RS485 4G LTE cellular Gateway with 2 digital inputs and WiFi. By using the OpenWRT system has a huge programming and functional potential. With range of advanced functions and support of many protocol it is perfect for IoT or M2M applications. USB host provides the ability to connect many types of extensions. AG-207 also support MQTT protocol for cloud application, Modbus RTU and TCP/IP.

Technical specification

CPU	580Mhz MIPS 24KEc processor
Storage	64MB+512MB ExtRoot support (overlay)
Memory	256MB RAM DDR2
Cellular	4G LTE, GSM (in GL version 3G also)
Ethernet	1 x 10/100 Ethernet
GNSS	GPS, BDS, Galileo, GLONASS, QZSS
WiFi	IEEE 802.11b/g/n (AP and client)
Serial	1 x RS485
Input/output	2 x opto-isolated digital input
Other	1 x USB host with USB storage support
Power	8-36V DC, passive PoE
Housing	Aluminium with DIN rail mounting option

Documentation

Product page

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