Product Name: Gateway Quad Core Box with built-in 3G/4G Module
Model: GTW389

Product Features:
Qualcomm MSM8909 Quad Core CPU
+ ARM Cortex-A7 microprocessor cores up to 1.1 GHz
+ 1G DDR3 memory
+ 4GB/8GB EMMC
+ Battery-Powered Model
+ ZigBee
+ BT 4.1 (BR/EDR + BLE)
+ Embedded Android
+ Apple MFI
+ GPS Optional

Product Introduction
GTW389 is Geniatech’s newly developed high-end multi-function Smart Home Gateway and is the first product using Qualcomm MSM8909 SoC with built-in rechargeable battery. Due to its highly integrated wireless communication design capability, it integrates ZigBee, 4G, Wi-Fi and BLE communication protocol, and also supports external RF module through USB. The neat appearance and easy to use operation design are for “easy to carry” and “plug and play”. Users can easily build their own smart home network without hard configuration, and is applicable to any inexperienced users.

GTW389 integrates functions of existing smart home gateway in the market, and takes the disadvantages in existing application scenarios into consideration, to achieve connection to different smart sensors even power and network are cut off, it still can ensure long running of the smart network. Using industrial grade wireless technology and highest level encryption to ensure your smart home network security and prevent malicious invasion. GTW389 is reliable all day and capable of high real-time performance. GTW389 can flexibly integrate various wireless communication protocols. Based on customers’ requirements, GTW389 can integrate all the possible combinations among ZigBee, Zwave, BLE, LoRa, 3G and Wi-Fi to realize remote data acquisition and remote control functions.

*All trademarks and logos belong to their respective owners
Note: Only For Reference and Not Official Release
Application Scenario
Remote Data Acquisition
Automated Industry
Wireless Meter Reading System
Smart Building System
Smart Transportation System
Smart Street Lighting Control
Coal Mine Safety Monitoring
Telemedicine Care

Product Specification
CPU Quad Core ARM Cortex-A7 microprocessor cores up to 1.1 GHz
RAM 1G DDR3
ROM 4G/8G EMMC
OS Embedded Android 6.0.1
DC Input 5.0V-2A
Battery mode Battery-Powered Model
USB USB2.0 x2
HDMI OUT V1.4
MicroSD Slot Max: 32G
SIM slot Micro-SIM and Nano-SIM
LED 3 Indicator light
LAN RJ45 10/100
WiFi IEEE 802.11 a/b/g/n
ZigBee IEEE 802.15.4
BT BT 4.1 (BR/EDR + BLE)
3G/4G Built-in LTE FDD. LTE TDD. WCDMA. TD-SCDMA. GSM/EDGE
Antenna 5
GPS Optional
Zwave Optional
Apple IC Optional

Power Adapter AC100 — 240V 50/60Hz
Dimensions (W x H x D)
Net Weight
Operating Temperature 0° to 50° C / 32° to 122° F
Operating Relative Humidity 10% to 95%, noncondensing
Storing Temperature -20° C to 60° C
Storing relative Humidity 10% to 95%, noncondensing
User's Guide
HDMI Cable

*All trademarks and logos belong to their respective owners
Note: Only For Reference and Not Official Release