Smart Home&Commercial IoT Gateway

GTW351

GTW351 is a multi-functional smart home business IoT gateway,Highly integrated wireless communication (WiFi, ZigBee,) processing power,Using the GTW351's WAN or LAN ports to access the network, you can implement the home wireless router function,Also can easily build smart home network, provides RS485/232,GPIO interface,Enables remote data acquisition and remote control, using industrial-grade wireless technology and the highest level of encryption to ensure smart home network security.Widely used in smart home, communication, intelligent medical treatment, gateway of Internet of Things and other solutions

High efficiency processor

128MB（optional 256MB） DDR2 and 16MB(optional 32MB) SPI Flash.

Optimized memory usage, small resources footprint

Scalability

Highly integrated wireless communication processing capability, support for a variety of connections: Zigbee3.0, BLE, WiFi, GSM/3G/LTE, Ethernet and wireless networks.

Compatibility

Support more than 200 Zigbee devices from more than 40 Zigbee device manufacturers.

Customization

• Hardware interface functions • Software functions.• Structure design

High Security

Security Chip module with highest level encryption to ensure your network security.

Ease of uses

Connectivity SDK for integration with 3rd party IoT cloud solutions, including Watson,Azure,AWS. the gateway can be connected to the server flexibly.

Wide range of applications

Suitable for communications, smart home, smart healthcare, Internet of Things (IoT) Gateway applications

Enterprise service

Provide comprehensive quality assurance, technical support and mass production services

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Product information

CPU	MT7628A
CPU Frequency	580MHz
Internal Memory	128MB(256MB optional) DDR2
Internal Storage	16MB(32MB optional) SPI
OS	Linux/OpenWRT
2G/3G/4G/LTE	Optional LTE for EU LTE for AU LTE for US
Built-in WiFi	802.11 a/b/g/n/ac
WiFi 2.4G Frequency Range	2.400~2.497GHz
WiFi 5G Frequency Range	5.15~5.925GHz(Optional)
Ethernet port(LAN)	RJ45 10/100Mbps
Ethernet port(WAN)	RJ45 10/100Mbps
USB Interface	USB-A 2.0 x 1 Type C for Power Supply
ZigBee 3.0	GTIoT interface (Optional)
SIM Slot	Support (Optional)
BT 5.0/BLE	GTIoT interface (Optional)
Z-Wave	GTIoT interface (Optional)
RS485/RS232	3P 15EDGK-3.81mm
CAN	Support(Optional)
GPIO	4P*2 15EDGK-3.81mm
Mod Bus	Support
LEDs	4G, WAN, LAN,IoT, Status, Wi-Fi
Battery	3.7V 1000mAH(Optional)

Mechanical properties

Size (mm)	120*75*30
Net Weight (g)	200
Power Plug Types	DC5V 2A US – Type A（America）, EU – Type F（France）/E（Europe）/ G（England）
Certification	EU&FCC

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