**A9G Development Board (GPRS/ GSM + GPS/ BDS module)**

The A9G development board is a multifunctional development board based on EMC's A9G GPRS/ GSM + GPS/ BDS module, you can use it to verify the basic communication and peripheral functions of the A9G module. It has the basic phone/ SMS, GPRS networking communications, and GPG/ BDS dual-mode positioning function. There are lithium battery charge management, microphone, speaker interface, USB communication interface, multiple user keys/ led, TF card slot, acceleration sensor, SPI interface, I2C2 interface, ADC interface on the boards, so you can develop different functions with this board. This board has a camera expansion board, so you can connect an external 30W/ 200W camera. It can add a traditional slot machine for it contains slot machine function.

A9G development board can be used for various peripherals prototype development verification, such as remote monitoring intercom with GSM and microphone/ speakers, remote monitoring camera with GPRS + TF + camera extension board, WeChat payment slot machine scheme with the slot machine function. Besides that, you can also use automobile theft with GPRS + GPS and accelerometer; 1.54-inch capacitive touch screen smartwatch with GPRS/ GSM + GPS; heart rate oxygen sensor, and 1.54-inch capacitive touch screen elderly watch with GPRS/ GSM + GPS. Using the onboard features, you can also use a custom device based on the Lua machine.

**Features:**

Supports voice call and SMS messages.
Supports GSM/ GPRS frequency: 850/ 900/ 1800/ 1900 MHz.
Supports GPRS data service, the maximum download data rate is 85.6 Kbps, upload data is 42.8 Kbps.
Supports GSM07.07, 07. 05 AT commands and Ai-Thinker explosion

command.
Supports 3 serial ports, one download serial port, one AT command port.

**Product Specification :**

- Integrated Technologies: GSM, GPRS, GPS, BDS

- Connectivity Range: Long-distance

- Precision: Accurate Location Tracking

- Application: IoT, Tracking Systems, Communication Devices

- Development Scope: Cutting-Edge Projects

- Compatibility: Versatile Integration

**Product Details :**

- **Dimensions**:
  - Length: 40 mm
  - Width: 25 mm
  - Height: 15 mm

- **Weight**: 22 g

- **Shipment Weight**: 0.025 kg

- **Shipment Dimensions**: 12 × 8 × 3 cm (Please allow 5% measuring deviation due to manual measurement.)