

## Ji09 GPS Student ID Phone



Jimi Primary School



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Class: 2-03

- 📍 GPS+LBS+A-GPS fast locating
- 📶 2.4GHz RFID (13.5GHz Optional)
- 📶 Voice monitor
- 📞 SOS button
- 🏠 Family numbers
- 👤 Calling controlled
- 📍 Geo-fence



## Hardware Specification

GSM Specification	
Communication system	GSM
GSM spectrum	900/1800MHz or 850/1900MHz
GPRS	Class 12,TCP/IP
Memory	128 MB
Phrase error	RMSPE<5,PPE<20
Max output	GSM850/GSM900:33±3db GSM1800/GSM1900:30±3db
Max frequency error	±0.1ppm
Sensitivity	Class II RBER2%(-10dBm)
2.4G RFID Specification	13.56M RFID Specification (Optional)
2.4G RFID chip: NRF24L01	13.56M RFID chip: FuDan F50
Frequency: 2.4G-2.5GHz	Frequency: 13.56M
Modulation mode: GFSK	Protocol standard: ISO15693,ISO14443A/B
Transmission power: 0dB	Operating mode: Passive mode
Communication speed: 1Mbps	Identifying distance: 0-5 CM
Standby current: 8uA,3V	Storage capacity: 256Byte
ID sending interval: 1 sec/time	Data storage time: 10 years
Operating mode: Active mode	Wipe lifetime: 100,000 times
Identifying distance:0-80M	
RFID service time after shutdown: 192 hours	

GPS Specification	
GPS chip	MTK high sensitivity chip
Frequency	L1,1575.42MHz C/A code
Channels	66
Location accuracy	<10 meters
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
Positioning time	Hot-start:≤2 sec(open sky) Cold-start:≤35 sec(open sky)
Main Specification	
Monitoring scope	≤5M
Keypad indicator	3 family number keys,1 SOS key, 1 power keys
GSM/GPS antenna	Built-in
Battery	600mAh/3.7V lithium-polymer battery
Voltage/Current	3.7VDC/75mA
Standby time	120 hours (LBS report every 10 minutes)
	8 hours (GPS report every 30 seconds)
	96 hours(GPS report every 30 minutes)
LED indicator light	GPS(blue), GSM(green), Power(red)
Call time	4 hours
Charging voltage	5V DC
Color	Pink(HAPPY BEAR), Blue(MUSIC BEAR), White
Dimensions	98.0(L)×55.0(W)×7.8(H)mm
Weight	49g
Operating temperature	-20°C~+60°C