



# 🖁 SL301

# LTE Cat 1 Smart Student Card

Designed for campus management, SL301 is a screenless intelligent student ID card. Featuring the 4G Cat 1 network, multiple positioning systems, geofence alerts, route playback, and emergency calls, this powerful device can better protect students' safety. In addition to these features, two-way communication, accessible checking-in and intelligent payment will make the SL301 an ideal choice for campus daily attendance management, home-school interconnection, also personnel identification.





#### **GPS & LBS Positioning**

A synergy of multiple positioning systems ensures the locations to be accurately displayed on cloud platform.



#### LTE & GSM Network

The device can receive and transmit data in the coverage of 4G and 2G networks.



#### Geo-fence

A virtual area set up by yourself, you will receive entry or exit alerts on the platform when people with equipment cross the boundary.



#### **Panic Button**

Enable people to press the button for help in case of an emergency.



#### **Two-way Communication**

Built with 3 family buttons for speed dialing,



#### **Step-Count-Based Positioning**

Work in the step-count-based mode by default to reduce invalid fixes and provide more accurate positioning capability.



#### Whitelisted Contacts

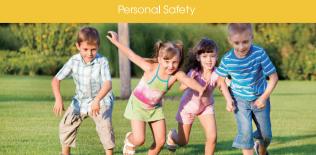
Avoid calls from strange numbers by only allowing calls from whitelisted contacts,



#### Accessible Checking-in (Optional)

Support long-distance barrier-free attendance sign-in with 2,4GHz RFID and the attendance machine.





#### **GNSS**

Positioning system	GPS+LBS, AGPS assisted
Positioning accuracy	<10m
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

# Cellular

Communication network	LTE Cat 1/GSM
Frequency	LTE-FDD: B1/B3/B5/B8
	LTE-TDD: B38/B39/B40/B41
	GSM: 900/1800 MHz

#### **Power**

Battery	1,000mAh/3.7V industrial-grade Li-Polymer battery
Operating Voltage	3.7VDC

# Interface

LED indication	Message (Green), Power (Red)
SIM	Nano-SIM
Data storage	64+128Mb

# **Physical specification**

Dimensions	105.0 x 60.0 x 10.4 mm
Weight	65g

# Operating environment

Operating temperaturet	-20°C to +60°C
IP rating	IP65

### **Feature**

Sensors	Accelerometer
Scenarios	SOS alert, Geo-fence entry/exit alert