



# 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.



### 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.



### Two-way Communication

Built with 3 family buttons for speed dialing.



### Whitelisted Contacts

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



### LTE & GSM Network

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



### Panic Button

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



### Step-Count-Based Positioning

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



### Accessible Checking-in (Optional)

Support long-distance barrier-free attendance sign-in with 2.4GHz RFID and the attendance machine.

#### Smart School



#### Personal Safety



## GNSS

Positioning system	GPS+LBS, AGPS assisted
Positioning accuracy	< 10m
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTF (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 temperature†	-20 C to +60 C
IP rating	IP65

## Feature

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