

2.4GHz Electronic Student ID Card

➤ Product characteristics

1. Dust-proof and waterproof grade IP66;
2. 3 button batteries, 450mAh, available for more than 3 years;
3. Supports 13.56MHz and 2.4GHz dual bands. The 2.4 GHz band is mainly used for long-distance identification, and the 13.56 MHz band is used for close-range payment functions, family phone call and other identification functions;
4. The 13.56MHz module is used to implement the M1 application. The space is 1 KB and the built-in 16 sectors are compatible with the M1 consumer terminal.

➤ Functional characteristics

1. Small size, light weight, easy to carry, suitable for students to carry out management;
2. Hold the 2.4GHz identification card to insert a card or swipe the card on the family phone placed in the designated location on the campus;
3. Hold 2.4GHz identification cards for all consumer places on the campus (such as canteens, school supermarkets, etc.) for credit card consumption;

➤ Technical Parameters

Item	Spec	Item	Spec
2.4GHz		13.56MHz	
Maximum output power	0dbm	Protocol standard	ISO 14443 Class A Card Agreement

Power	High performance lithium battery with a working life of more than 3 years	Reading and writing time	1ms ~ 2ms
Signal modulation method	GFSK	Storage	8Kbit, 16 partitions
Speed	1M/s	Speed	106KBoud
Sensing Distance	2m-80m	Sensing Distance	2-10cm
Error rate	10-9	Number of erases	More than 100,000 times
Working life	More than 3 years		
Dimensions			
Dimensions	L*W*H 86mm×54mm×4.1mm		