

## CLVGRHME long range multi-card reader Rhombus 320C



- 2.4G microwave is open-use frequency. It has passed High Frequency Radiation Electro-Magnetic-wave International Certification framed by U.S.A. and Europe Union. Power of small scale. No harm to human.
- Rhombus310A smart card is double battery designed. ID number is sent every 1.5 second. Battery lasts more than 2 years. The specification :CR2032,3V 。
- Rhombus310B card is double battery designed. Press“0N”when using, encryption ID number is radiated instantly, which are unbreakable. Battery lasts long.
- when using the long range smart card, one should point the direction of arrowhead on the card to the reader, as a request of affirmance to enter.
- No plate should be placed in front of the reader, otherwise signals will be barred. It would be better keep off plates in installation in case of affecting the receiving distance. Signals could be sent through glass but not barred by object.



Input voltage	DC12V $\pm$ 15%
Current supply	250mA
Operating Temp	10℃ $\sim$ +70℃
Operating relative humidity	10% $\sim$ 95%
Interface	RS232
Reading range	3~10M
Reading frequency	2.4GHz
Audio/visual cue	buzzer/ LED
Card dimension	87mm X 55mm X 5.5mm
Dimension	125mm X 55mm X 13mm
Weight	250g

Rhombus320RS232 Interface	
RED	+12VDC
BLACK	GND
YELLOW	RXD
GREEN	TXD

**Note: Rhombus' products must work with linear regulated power supply, and other kinds of power supply are prohibited.**