

# Grove - 125KHz RFID Reader



## Description

The Grove-125KHz RFID Reader is a module used to read uem4100 RFID card information with two output formats: Uart and Wiegand. It has a sensitivity with maximum 7cm sensing distance.

## Features

- Selectable output format: Uart or Wiegand.
- 4Pins Electronic Brick Interface
- High Sensitivity

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.

## Technical Details

Dimensions	44mm x 24mm x 9.6mm
Weight	G.W 15g
Battery	Exclude

Voltage	4.75-5.25V
Working Frequency	125 KHz
Sensing Distance(Max)	70mm
TTL Output	9600 baudrate, 8 data bits, 1 stop bit, and no verify bit
Wiegand Output	26 bits Wiegand format, 1 even verify bit, 24 data bits, and 1 odd verify bit

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