

Version 1.0

Keypad Reader

125 KHz RFID Read-only Reader
With 12 Keys Keypad



eLock[®]
Total Security Solution You Can Trust
www.elock2u.com

DESCRIPTION

Elock's Keypad Reader weatherproof reader is designed to accept EM4100 or compatible RFID tags 125kHz. The design is integrated with 12Key keypad with Rosslare Keypad output format. It can be applied in office/home security, personal identification, access control, anti-forgery, interactive toy and production control systems etc.

FEATURES

- Proximity Technology
- Weatherproof design
- Easy and trouble-free installation
- Wiegand 26bits and Rosslare Keypad format
- Anti-collision function
- Controllable LEDs and electronic buzzer
- EM Proximity card compatible
- Less than 100ms decoding time
- Low power dissipation with single power supply

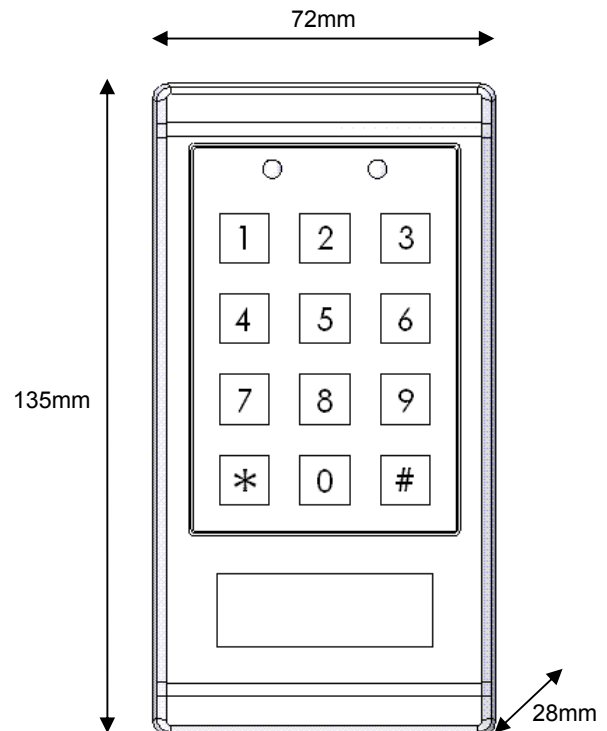
SPECIFICATION

Reading range	Max 3" (75mm)
Input voltage	9 ~ 16VDC, 12V (Recommended)
Current consumption	110mA±10mA
Data format	Wiegand 26 bits + Rosslare Keypad format
Carrier frequency	125KHz
LED indicator	Red and green
Cable distance	100m
Dimension	135 x 72 x 28 mm
Unit weight	0.2KG
Operating temperature	0°C ~ 66°C

DATA CONNECTION

Color Code	Name	Description
Black	GND	Ground
Red	12V	12VDC
White	D1	Data -1
Green	D0	Data -0
Orange	LED	LED indicator
Blue	BUZZ	Buzzer control

DIMENSION



CABLE AND PRECAUTION

Interface :

100m (330 feet) with recommended cable is ALPHA 1295 (22 AWG) 6 conductor stranded with overall shield or equivalent.

Precaution :

1. Avoid install the reader back-to-back with another reader.
2. In AxSys – Access Control System Application, select **Rosslare Keypad** for **Reader Type** under **Edit Panel Setting**.

Specifications are subject to change for modification without notice

ICT at work!

