

SEBURY

# Series Manual



## Specifications

### 1. Characteristics

Frequency:	125 kHz
Modulation:	Bi-phase
DC Supply Voltage:	Low voltage input 12 $\pm$ 10% Vdc unregulated
Current Consumption:	100mA @ quiescent maximum
Door Relay:	5Amp 12Vdc
Alarm output load:	150mA pull current

### 2. Wiring Connections

Electric lock  
External bell  
External Push Switch  
Magnetic Contacts  
Alarm

### 3. Programming memory:

Non volatile Eeprom memory	
Operating Temperature:	0°C to 60°C (32°F to 140°F)
Keypad Housing:	Metal
Dimensions:	121mm x 46mm x 24mm
Weight:	500g

### NOTE

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL

## Intramural Interface Circuit

1. Alarm output interface (See Figure 1)
2. Electric lock interface (See Figure 2)

## Mounting

1. Attach the rear plate to a single or double gang electrical box or secure to the wall firmly with at least three flat head screws.
2. When wiring has been completed, attach the front cover to the rear plate.

## Preparing

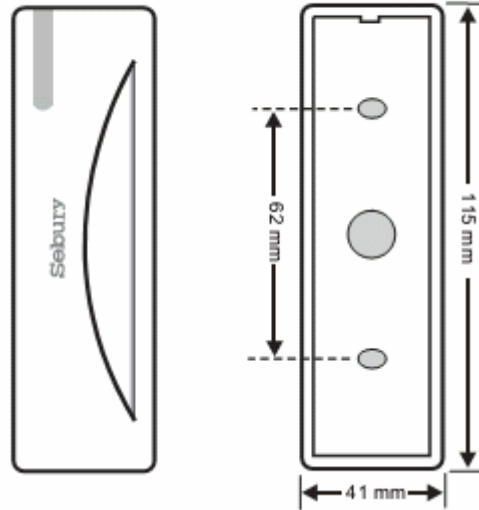
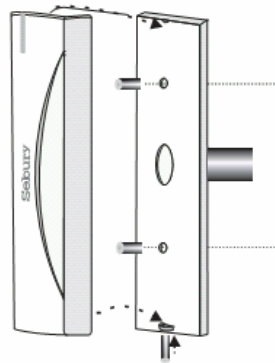


Figure 1

## Connecting & Installation



## Wiring diagram

Red	DC12V
Black	Ground
Green	Data 0
White	Data 1
Brown	*Green LED
Yellow	*Beeper

\*Optional connections

Figure 2

Model & characteristics

Model	Card Type	Reading Distance	Output Type	Size
LR110-EM	EM	5~10 cm	Wiegand 26/RS485	46W×120H×25D
LR110-MF	Mifare	3~8 cm	Wiegand 26/RS485	46W×120H×25D
LR110-HID	HID	5~10 cm	Wiegand 26/RS485	46W×120H×25D
LR110-FID	Mifare&HID	3~8 cm	Wiegand 26/RS485	46W×120H×25D
LR110-EF	EM&Mifare	3~10 cm	Wiegand 26/RS485	46W×120H×25D

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The antenna provided is a unique antenna. By installation of unauthorized antenna to this equipment. Such unauthorized installation could void the user's authority to operate the equipment.

NOTE: The manufacturer is not responsible for and radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.