



Main parameter

Power supply	DC 9-15V
Power consumption	< 1 W
Card type	13.56 MHz / 125 KHz (Optional)
Read range	5-8cm
Capacity of records	10000
Number of users	10000
Communication port	RS485
Transmit Rate	9600 bps (N, 8, 1)
LED Tips	Card flashing/keypad/doorbell
Data storage	4M bits FLASH Memory
Certification	Card flashing/ Card flashing+password/ User ID+password/ Public password
Clock	Yes
Reading tips	Beeper/OLED/LED
Dimension	96×96×22(mm)
Material	PC+ABS Screen: PMMA
Environment	-30℃to+65℃

EA-82DK

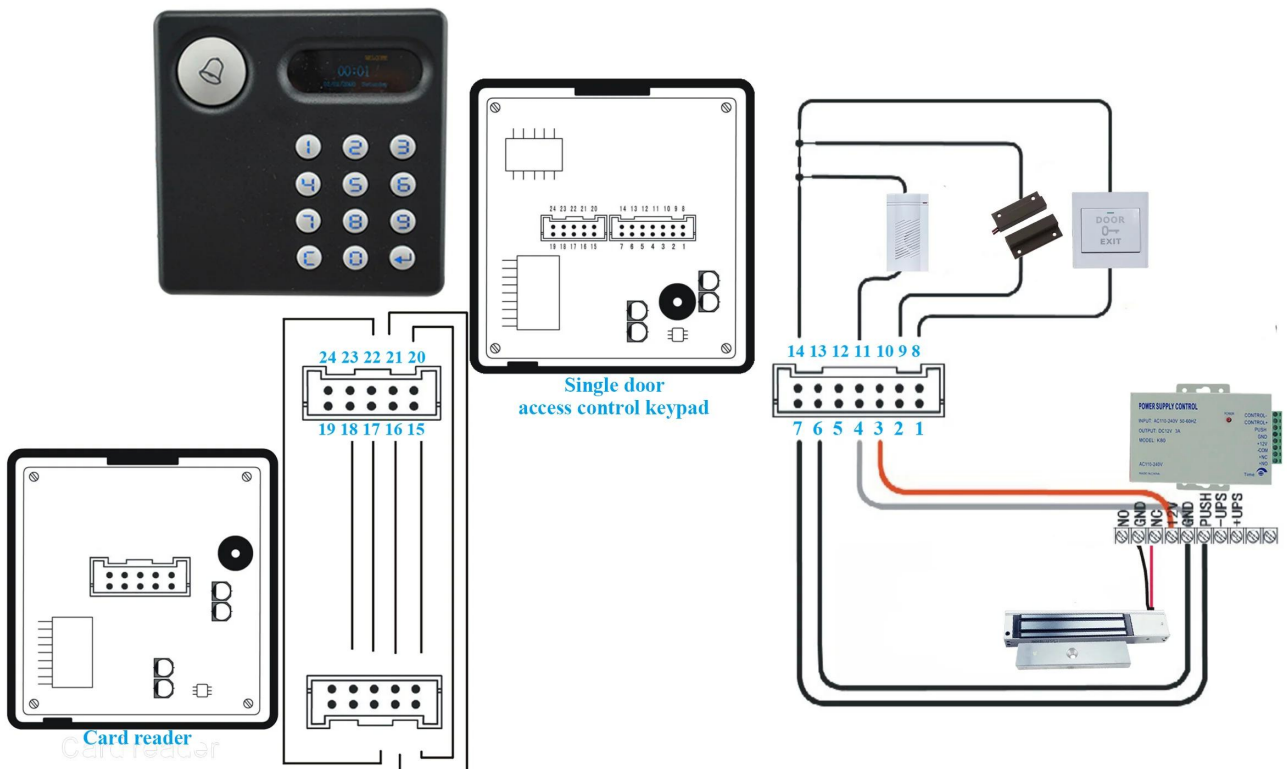
EA-82DK:	OLED
EA-83DK:	R485

電源電圧:	9 ~ 15V DC
消費電力:	<1W
サイズ:	96× 96 × 22 (mm)
記憶容量:	最大 10,000 件
RFID:	IC (13.56 Mhz)
検出距離:	3 ~ 5cm
対応言語:	英語, 日本語, 韓国語, 中国語 WG, タイ語, ベトナム語
材質:	ABS
設置場所:	Office, Apartment, 公共施設
重量:	ABS ケース + PCB + OLED (PMMA) 240g
保証:	1 年保証 (37 度保証)
動作温度:	-35 °C ~ 65 °C
湿度:	20% ~ 80%
寿命:	1 年
OEM:	OEM

Appearance



Wiring diagram



Wire port specification		
NO	Function	Description
1	RS485+	Data +
2	RS485-	Data -
3	12V+	DC Power 12V
4	GND	GND
5	OUT-NC	Door relay NC interface
6	OUT-COM.	Door relay COM interface
7	OUT-NO.	Door relay NO interface
8*	IN 1	Input 1, door release button input
9*	IN 2	Input 2, door magnet signal input
10*	IN 3	Input 3, user-defined
11	OC OUT	Build-in doorbell signal output
12*	OUT 2	OC signal, duress output
13*	OUT 3	OC signal, anti-tamper output
14	GND	GND
15	OUT 12V+	Power output, can be connected to WG reader power +
16	GND	Power output, can be connected to WG reader power GND
17	DATA 0	WG Data 0 input, connect reader Data 0
18	DATA 1	WG Data 1 input, connect reader Data 1
19	GND	GND
20	OC1-OUT	Unregistered card output, OC signal output for 3s after card flashing to open the door, can connect Green LED end of WG reader.
21	OC2-OUT	Unregistered card output, OC signal output for 3s after card flashing but not to open the door, can connect Red LED end of WG reader.
22	OC3-OUT	Unregistered card output, OC signal output for 3 times after card flashing to open the door, each interval time is 100ms, can connect Beeper end of WG reader.
23	NULL	N/A
24	ANTI-TAMPER-IN	Anti-tamper signal input, connect anti-tamper output signal of WG reader

Installation

