

OEC-R3H-ESK OEC-R3H-ESK



Overview

OEC-R3H-ESK Wall Mounted Desfire Keyboard Card Reader is a contactless Desfire IC card reader. It features high receiving sensitivity and low working current, applicable to scenarios such as access control, attendance, etc.

Features

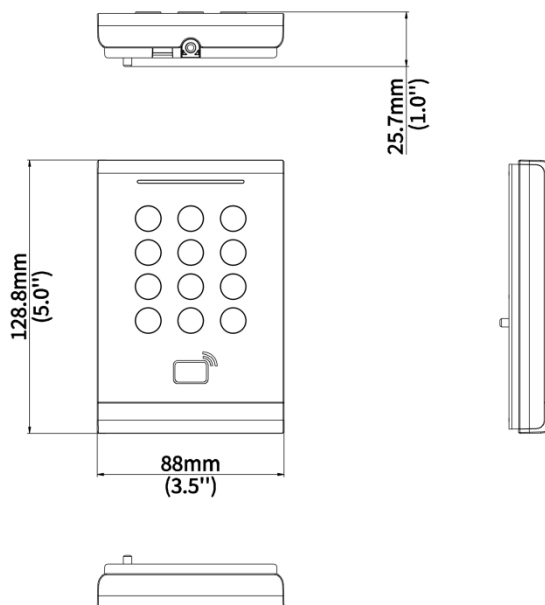
- Supports Wiegand/RS 485 data output.;
- Built in buzzer.;
- Supports indoor and outdoor application.;
- Stability, sensitivity, and responsiveness.;
- Supports ISO 14443 A and ISO 14443 B protocols.

Specifications

Model	OEC-R3H-ESK
Hardware Specification	
Operating Frequency	125kHz,13.56MHz
Card reader interface	RS-485 Serial Port x1, Wiegand Output x1
Dimensions	128.8*88*20.9mm
Weight	141g
Mount Method	115*73mm junction box, 86*86mm junction box
Operating Temperature	-30°C to 65°C
Operating Humidity	10% to 90%
Storage Temperature	-40°C to 65°C
Indicator	Steady blue: Normal operation;

	Steady green for 1s: Card authentication succeeded; Steady red for 1s: Card authentication failed
Power Consumption	1.28W
Operating Voltage	DC 12V $\pm$ 25%
Operating Current	107mA
Reading Distance	IC card: max. 3cm
Authentication Mode	Card
Protection Level	IP54
DIP Switch	10-bit, bit1-4: RS-485 Address (default 0000, 0=off, 1=on) bit5: Mode Switch (Off=Wiegand, On=RS-485) bit6: Wiegand Protocol (default off=Wiegand 34, on=Wiegand 26) bit7: Termination Resistor (default off=disabled, on=enabled). Enable when RS-485 line is long or at high rate (>1Mbps) bit8: Enable or disable card security function, default off (On: encryption authentication required, read CPU card file content. Off: no encryption verification, only read card physical number) bit9-10: Reserved
Tamper Button	Supported, continuous rapid beep alarm
Physical	
Material	PC
Basic Business	
Reading Time	< 1s
Card Type	Supports Mifare card physical number, Mifare card sector number, EM card physical number, Desfire card physical number, Desfire card file number reading

Dimensions



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