Standalone Controller Keypad

Definex H2 is a waterproof metal case standalone access control keypad which supports up to 2000 users with card, PIN, or card and PIN access. It features a cast metal housing and backlit keypad with fully potted electronics, making H4 both weather (IP 67 rated) and vandal resistant. With Wiegand 26~37bits output, it can also work as a slave reader to connect to a 3rd party controller.

In addition, the H2 has inputs for REX switch/sensor, door contacts, as well as a Form 'C' relay, tamper, and Wiegand 26/44 bit input and output. User cards or tags can easily be individually or batch enrolled.
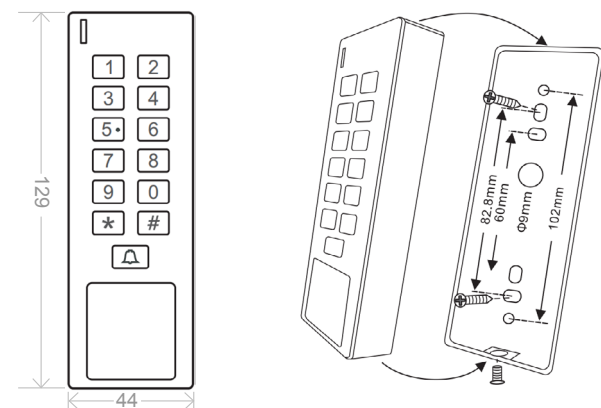
| Keypad | Card | 2,000 Users | IP67 | VandalProof |

Standalone *Series*

Features

- Alloy Zinc Case,Anti-vandal and Anti-explosion
- Waterproof, conforms to IP67,works well in severe environments
- Wiegand 26-37bits (Default:Wiegand 26) Input/Output
- User Capacity:2,000
- Access mode:Pin,Card,or Pin+Card
- Card Type:125KHz/EM or 13.56MHz/Mifare optional
- Reading Range:2~8cm(Depends on card/tags and environments)
- Digit backlit Keypad,convient for nigh-time use
- Support setting Authorizing Users
- Multi-color LED status display
- Adjustable Door Output time, Alarm time, Door Open time
- Admin Code or cards can set prohibit/ permit access during certain time
- Anti-duress and Anti-passbackm,Anti-tamper alarm
- Working Voltage:12V~24V DC
- Outdoor/indoor application
- Easy Installation

Dimension(mm)

Model	DX-H2EM-KW	DX-H2MF-KW
Operating Voltage	12V DC±10%	
Idle Current	Max.42mA	
Active Current	Max.150mA	
User Capacity	2,000	
Unlock Mode	Pin,Card,Pin+Card	
Card Type	125KHz/EM	13.56MHz/Mifare
Effective Reading Distance	2~8cm	1~5cm
Electric Lock Output	≤2.0A	
Wiring Connections	Relay output, exit button, alarm, door contact, Wiegand input, Wiegand output	
Relay	One(NO/NC/COM)	
Relay Output Time	0~99s(Adjustable,default:5secs)	
Alarm Output	≤1A	
Alarm Time	0~3mins(Adjustable,Default:1min)	
LED Indicator	Multi LED status display	
Keypad	13keys (0-9, *, #,door bell),with blue backlight	
Buzzer	Piezo Buzzer	
Operating Temperature	-30°C ~ +60°C (-22°F ~ 144°F)	
Operating Humidity	10% ~ 90% Relative Humidity, Non - Condensing	
Shell material/Color	Zinc-alloy with Powder Coat	
Protection Level	IP67	
Dimension	129*44*22mm	
Weight	350g	
Packing Weight	410g	

▫ All specifications are subject to change without prior notice.

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