DHI-ARK30C-RW2

Wireless LCD Keypad



- High-decibel alarm sound.
- Supports 3 shortcut alarms: Medical, fire, and emergency.
- Arm/Disarm with password or IC/desfire card.
- Supports searching for system's status.
- Frequency hopping function and two-way communication.
- Cloud update and automatic recovery from update failure.

Series Overview

The Wireless LCD Keypad is designed to control the alarm system and indicate alarm events and system status. It supports various operations, including arming, disarming, bypassing, and output controlling. Additionally, the LCD screen provides a intuitive view of the alarm system's status, allowing for easy monitoring of alarms.

Technical Specification

Function

Indicator Light	4 indicators (External power supply, arming/disarming, fault, and alarm)
Button	20 buttons (10 digital buttons and 10 function buttons)
Buzzer	2 × built-in buzzer
Arm and Disarm	Password; IC/desfire card
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes
Measuring Range (Temperature)	–10 °C to +55 °C (+14 °F to +131 °F)

Technical

Scenario	Indoor
Operating Current	1.6 A (Max), 20 uA (Standby) (Battery 3 V); 0.77 A (Max), 1.6 mA (Standby) (12 VDC)
Sound Pressure	Maximum: 95 dB(A) at 1 meter Minimum: 73 dB(A) at 1 meter

Wireless

Carrier Frequency	433.1 MHz–434.6 MHz
Transmitter Power (EIRP)	Limit 10 mW
Communication Mechanism	Two-way
Communication Distance	1,200 m (3937.01 ft)（alarm transmission）
Encryption Mode	AES128
Frequency Hopping	Yes

General

Language	Support 16 languages: English, Italian,Spanish,Russian, French,German,Portuguese,Polis h,Danish,Czech, Bulgarian, Dutch,Greek,Spanish_Europe,Turkish, Slovak.It is set as English by default.
Power Supply	12 VDC/4 × CR123A battery
Battery Model	CR123A
Standby Time	3 years (the heartbeat cycle is set as 1 minute by default. It will last 3 years if it is operated 2 times per day, with each intervallasting 1 minute.) 2 years (When the relevant function is enabled, The heartbeat cycle is set as 1 minute by default. It will last 2 years if it is operated 2 times per day, with each interval lasting 1 minute.)
Power Consumption	4.8 W (Max), 0.20 mW (Standby) 4.8 W (Max), 0.33 mW (Standby，When the relevant function is enabled)
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Operating Humidity	10%–90% (RH)
Product Dimensions	170.0 mm × 129.0 mm × 31.2 mm (6.69" × 5.08" × 1.23")
Net Weight	390 g (0.86 lb)
Gross Weight	665 g (1.47 lb)
Installation	Wall mount
Casing Material	PC + ABS
Appearance Color	White
Certifications	CE
Accessory	Included: 2 IC cards
Anti-corrosion Level	Basic Protection
Storage Temperature	–10 °C to +55 °C (+14 °F to +131 °F)

Storage Humidity	10%–90% (RH)
Packaging Dimensions	214.0 mm × 162.0 mm × 57.0 mm (8.43" × 6.38" × 2.24")

Ordering Information

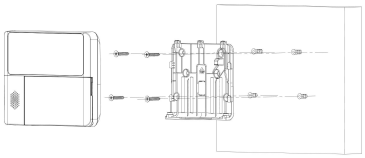
Type	Model	Description
Wireless LCD Keypad	DHI-ARK30C-RW2	Wireless LCD Keypad
Accessories (Optional)	MW-DESFire-4-3-2	Contactless card to control security modes

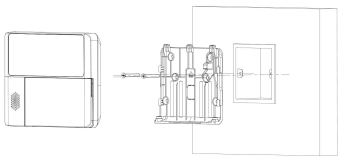
Accessories

Optional:



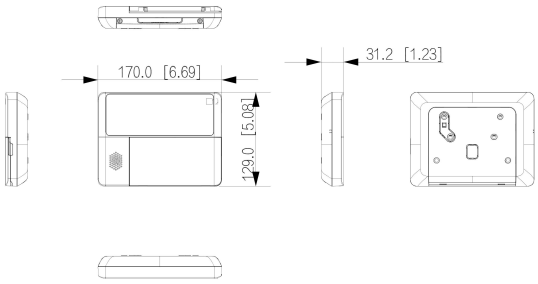
MW-DESFire-4-3-2
Contactless card to control security modes



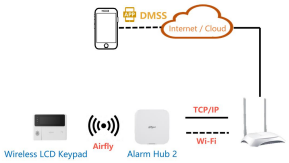


Dimensions (mm[inch])

mm[inch]



Application



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