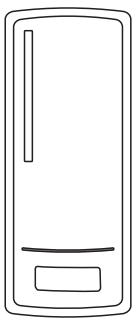
Proximity Reader



Dolphin-NFC-BLE

User Manual

Introduction

The Dolphin-NFC-BLE is a Wiegand Output Proximity Reader. 125KHz HID formats are compatible with these readers. These readers have the ability to read a HID format of 26 bits.

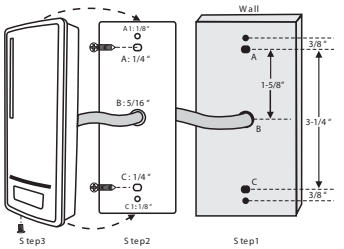
These indoor and outdoor readers are waterproof and functions at extreme temperatures (-40F - 140F). The readers also have a built-in light sensor to signal when the keypad is being tampered.

Wiring

Color	Function	Notes
Red	Power +	8-24 VDC
Black	GND	Ground
Green	D0	Wiegand D0
White	D1	Wiegand D1
Brown	LED	Green LED light control
Yellow	Buzzer	Buzzer control

Installation

- Drill 2 holes (A,C) on the wall for the screws and one hole for the cable
- Knock the wall fixing plugs to holes A and C
- Screw the back cover to the wall
- Thread the cable through hole B
- Attach the unit to the back cover



Parameters

Model	Dolphin-NFC-BLE
Operating Voltage	9~18V DC
Frequency	125 kHz EM 125 kHz HID 13.56 MHz NFC Type 2 Tag 13.56 MHZ Mifare, Type 2, and Type 4 2.4 GHz Bluetooth Low Energy
Card Type	HID card
Reading Distance	$1^{1/8}$ to $3^{1/8}$ "
Output Format	HID
Working Temperature	- 40°F - 140°F
Standby Current	≤25 mA
BLE Read Range	~30 feet (10 meters)
Index of Protection	IP 66
Dimension	$L4^{3/4}$ x W $1^{7/8}$ x H 7/8 " $L4^{3/4}$ x W 3 x H 7/8 "

Packing List

Name	Quantity
Reader	1
Manual	1
Screw Driver	1
Wall Fixing Plugs	2
Self Tapping Screws	2

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

. Reorient or relocate the receiving antenna.

. Increase the separation between the equipment and receiver.

. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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.