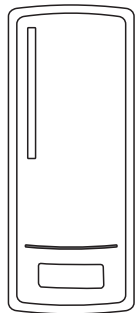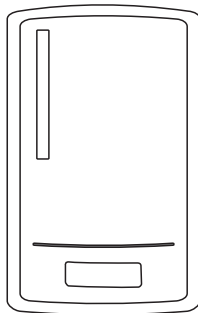# Proximity Reader

DOLCMWIHIDEM   DOLCSWIHIDEM

User Manual

Introduction

The DOLCMWIHIDEM/DOLCSWIHIDEM are Wiegand Output Proximity Readers. 125KHz EM and 125KHz HID formats are compatible with these readers. These readers have the ability to read a HID format between Wiegand ranges of 26 bits - 37 bits. The default EM bit range is set to Wiegand 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.
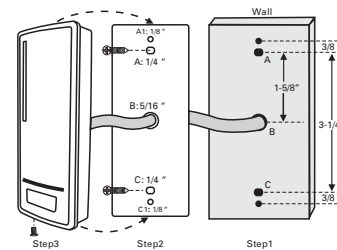
Wiring

Color	Function	Notes
Red	Power +	9～18 V DC Power Input
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	DOLCMWIHIDEM/ DOLCSWIHIDEM
Operating Voltage	9～18V DC
Frequency	125KHz
Card Type	EM card & HID card
Reading Distance	$1^{1/8}$ to $3^{1/8}$ "
Output Format	HID Wiegand 26 - 37, EM Wiegand 26
Working Temperature	- 40˚F - 140˚F
Standby Current	≤25 mA
Operating Humidity	10%～98% RH
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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