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aap PW WIEGAND Proximity Reader Instructions

Contents

aap PW WIEGAND Proximity Reader
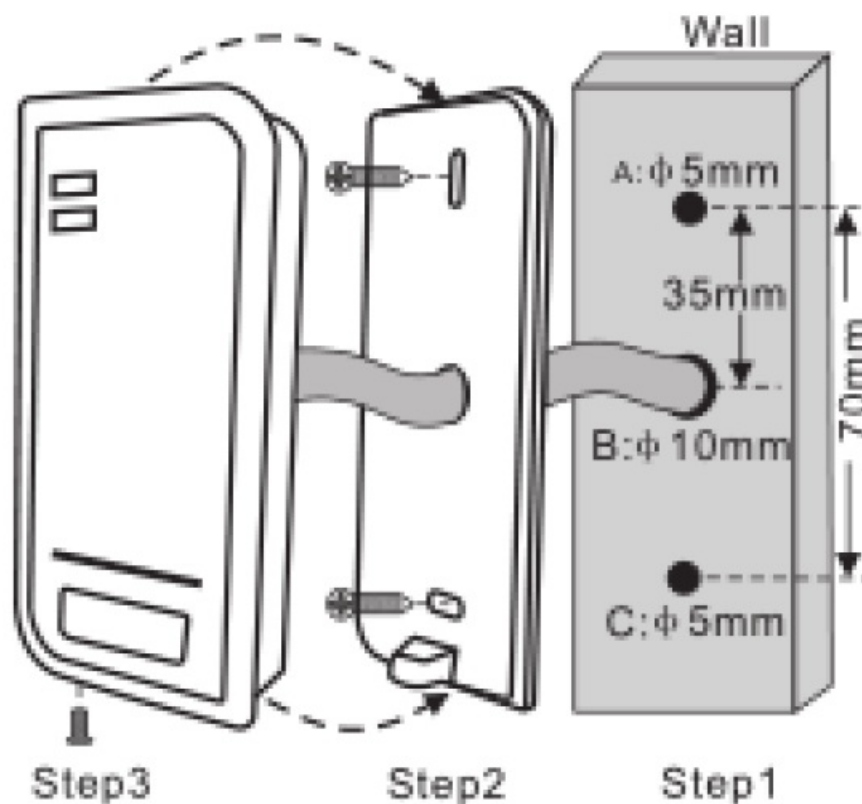
Introduction

The PW Wiegand is a slim Wiegand Output keypad with proximity reader, compatible with 125KHz EM format card. The keypad is fully potted, and can function at extreme temperatures (-40℃ ~60℃), which allows it is capable to be mounted either indoor or outdoor.

Specifications

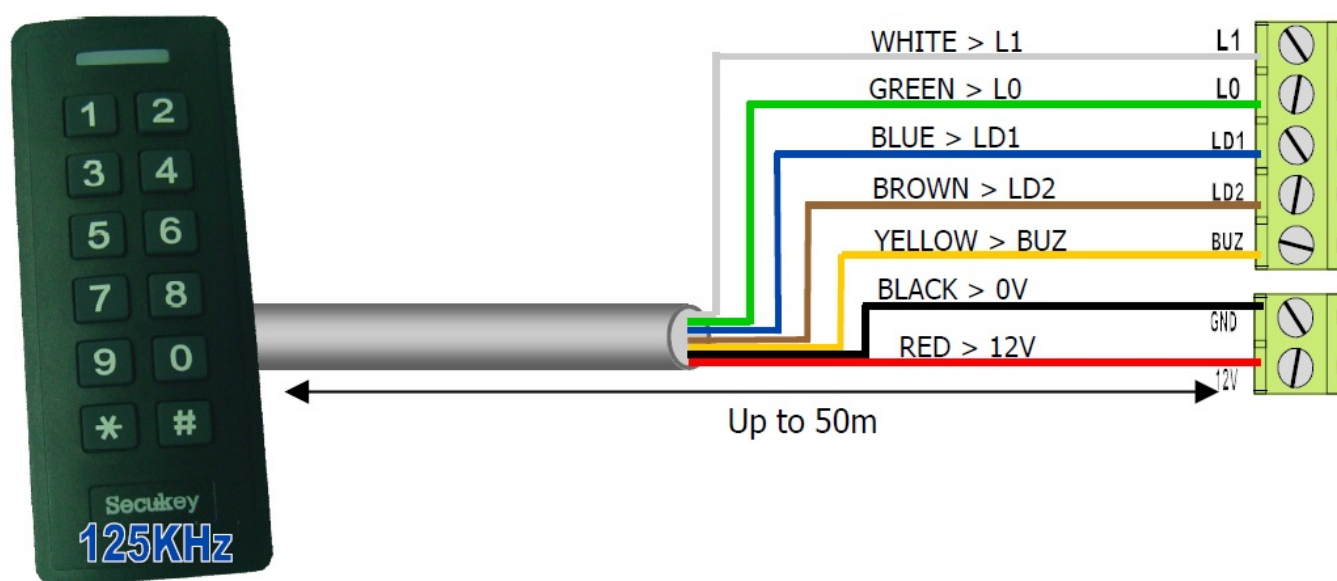| Operation Voltage	9~24V DC
Standby Current	≤50mA
Frequency	125KHz
Card Type	EM card
Read Range	Up to 2.8 inches (7cm)
Output Format	AAP Custom 40-bit
Operating Temperature	-40℃~60℃
Operating Humidity	10% to 95% RH
Color	Black
Index of Protection	IP66
Dimension(H x W x T)	103 x 48 x 20mm
Net Weight	100g
Shipment Weight	150g

Special Backlight Feature

The PW Wiegand device has the ability to automatically turn off its backlight after 20 seconds if no keys are pressed. To turn this feature Off press and hold the # key for 10 seconds. (the green led will flash to confirm) To turn this feature On press and hold the # key for 10 seconds. (the green LED will flash 4 times)

Wiring

Color	Function	Notes
Red	Power	+DC (9-24V DC)
Black	GND	Ground
Green	D0	Data 0
White	D1	Data 1
Blue	LED1	Red LED Light Control
Brown	LED2	Green LED Light Control
Yellow	Buzzer	Buzzer Control

Function Table sheet

Read Card	The LED light will be turn into Green, and the buzzer sounds a beep, at the meantime, the reader outputs the Wiegand signal
External LED Control	When the input voltage for LED is low, the LED will turn into Green or Red
External Buzzer Control	When the input voltage for Buzzer is low, the Buzzer will sound
Wiegand Data Output	This device has locked down software to allow it to com- municate with the Wiegand -IF2

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Documents / Resources

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PW WIEGAND Proximity Reader, WIEGAND Proximity Reader, Proximity Reader, Reader

References

- Intruder Alarm Systems, Security Products | Arrowhead Alarm Products

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