Proximity Card and Keypad Bluetooth Reader   WAR-BLU-HITKEY

Quick Start Guide

(1) Introduction

WatchNET Access's WAR-BLU-HITKEY are a mobile smartphone access control ID solution. Based upon the proven contactless digital radio frequency identification (RFID) platform, the readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand equipment or the latest bi-directional Open Supervised Device Protocol (OSDP). In addition to traditional proximity credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE) enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential.

(2) Wiring

Color	Function	Panel Input
Red	7-12VDC	+12
Brown	Blue LED	LED
Green	Data 0	D0
White	Data 1	D1
Black	Ground	GND
Blue	Buzzer	BUZ

Notes: Default Wiegand Output is 26bit, Access control System support 24-72 bit formats

(3) Cable Requirements

22 AWG 7 Strand Bare Copper; 3 Individual Twisted Pairs Overall Foil with TC Drain & PVC Jacket

(4) Wiegand Outputs

Supports 26 and 34 Wiegand bit format

(5) Card Technology Supported

HID Card and Pin Technology

(6) Power

Reader can be powered by the access panel.

(7) Powering up Reader
1. When Reader is powered up reader will beep 1-time and blue LED will turn on.
2. When presenting a card that is not registered on the system, reader will beep 3-times with a blinking LED of color Green.
3. When presenting a card that is registered on the system, reader will beep 1-time and Blue LED will change to Green for 5 seconds and will go back to blue as standby.

(8) Troubleshooting

If the reader does not recognize a card or tag or does not turn on, please refer to below table

Possible causes	Solutions
Incorrect cabling	Verify wiring, see (2) for proper wiring
Reader did not beep when card is presented	Verify if card technology is supported
Reader beeps but no card events showing	Verify wiegand format of the card from 24-72 bit format
Card number did not match the card's number printed from the card events	Make sure gray wire is not touching any wires or not grounded to any wire, grounding gray wire will change wiegand to 34 bit

Note: if any solutions above did not work please contact WatchNET Access Technical Support phone number

+1-866-843-6865 or visit our website @ www.watchnetaccess.com

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