



Keypad Reader

Quick Start Guide

(1) Introduction

The WatchNET E10-VKR EM Readers are unique combination of style and reliability making it an ideal choice for entry level access control, Time attendance or for large & complex installations. The unit resists the elements such as glue, oil, rain, ice, snow making it ideal for hospitals, industrial and commercial application.

(2) Wiring

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



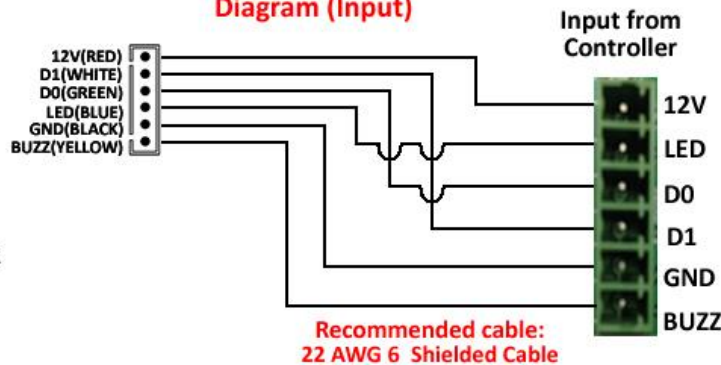
WAR-E10-VKR

READER



WAR-E10-VKR

Reader Wiring Diagram (Input)



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

EM Card 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 recognized 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

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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