

All In One Reader User Manual

The All In One reader is a RFID proximity card and Bluetooth reader for Kastle access control systems. It is intended to be used in conjunction with an interface board BLE Daughter Board which piggy backs on to a KZDM or KZSRDR Board.

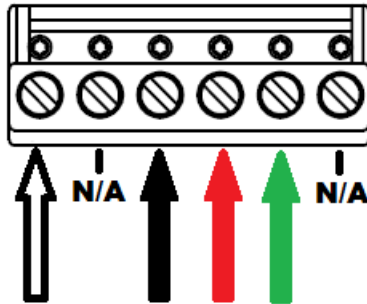
Notes on Use:

- Operating Temp: 0-49 degrees C
- Must use 22 AWG or larger with a wire run no longer than 2000 ft
- All Wiring shall be in accordance with the National Electrical Code, ANSI/NFPA 70
- The Reader is to be mounted in a protected premise
- Power to be supplied from KZDM, KZSRDR or UL 294 or UL 603 Listed power supply
- No connection to reader shield per transient test setup



To install and use the reader:

- Connect the reader wires using wire nuts or beanie wire connectors to the existing wire run coming out of the mounting hole or receptacle box. Make sure to connect all wire by color white to white, green to green, black to black, and red to red.
- Remove the reader cover to expose the mounting holes. Push wire bundle back in to mounting hole or receptacle box. Mount the reader to the wall / or door frame by securing screws through both mounting holes. Replace the front cover of the reader.
- Terminate the other end of the wire run with a terminal block as shown below to the Daughter board TB2.



- After the reader is terminated and connected on both ends and power is applied, the blue LED should turn on and the reader should be ready to use within 0 to 10 minutes (depending on system updates).

FCC Statement

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 UNDESIRE OPERATION.

FCC Part 15.21 Warning Statement-

NOTE: THE **GRANTEE** IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Part 15.105(b) Warning Statement- (ONLY Required for 15.109-JBP devices)

NOTE: 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 or more 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.