



ACCESS CARD READER CA018

USER MANUAL



Operation Instruction

- This device must work with an access controller
- This device is only for reading cards, all the setting should be done on the controller
- See the below chart for the wiring connections
- Try tapping or entering passwords to see whether the wiring connections is correct or not. If the connection is incorrect, the light color remains blue
- After tapping, you can check card status through light color, beep sound, and the screen

Light

- Blue: blue light stands for power
- Green: Green light stands for an authorized card
- Red: Red light stands for an unauthorized card

Beep Sound

- 1 long beep stands for an authorized card
- 1 long beep and 3 short beeps stand for an unauthorized card

Wiring Connections

4-core Cables for the CA018 as follows:

Color	Port	Description
Purple	D-	RS485-
Blue	D+	RS485+
Black	12V-	Power
Red	12V+	Power

Battery

Please remove the lithium battery when the card reader is powered. Use multimeter to measure the voltage. Replace the card reader if under 3V.

Make sure lithium battery is over 3V and put it back to the reader then cut off the power. Power on after 3 seconds and check if the time on LCD monitor is normal. If not, there are problems with the reader's battery circuit and the card reader need to be replaced.

FCC Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

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 undesired operation.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.