ZKTeco®

R6
Waterproof and Vandal Resistant
Ideal for outdoor installation

R6 is a compact, robust and lightweight metal access controller with remarkable features such as IP65 waterproof and dustproof, vandal resistant and slim design. It is suitable for installation in space limited area and especially outdoor environment.

It is equipped with a keypad to operate in standalone mode by connecting a door lock, exit switch, alarm and door sensor to the relay contacts. This durable keypad is also backlit for ease of use in low lighting conditions.

The new R6 has an Auxiliary Input interface to link with an external source, for instance a smoke or gas detector etc., or an emergency switch. Once the linkage is triggered, the device would automatically generate an alarm signal and open the door in case of emergency situations. The newly added wiegand out makes it flexible either to connect with ZKTeco SRB mini controller for higher security, or connecting with ZKTeco or any 3rd party controllers while switch to Reader Mode.
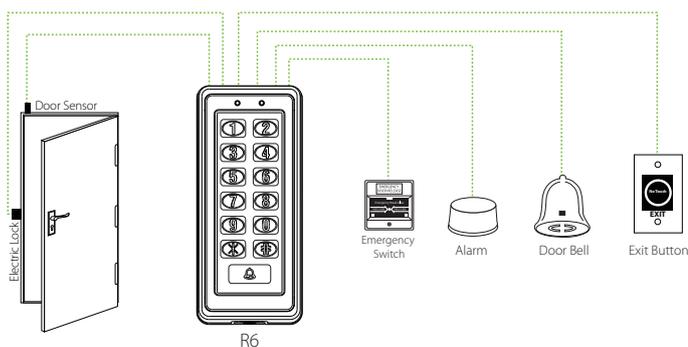
Feature

- Reads password and/or 125KHz EM card; Optional to read 13.56MHz Mifare card
- Built-in auxiliary input with enhanced flexibility to link with wired detector or emergency switch
- Supports SRB mini controller by wiegand connection
- Supports switch to Reader Mode and configurable wiegand 26 bit or 34 bit
- Anti-vandal, waterproof & back-lit keypad with metal key buttons

- Audible beep and visible indicator provide feedback for the user
- Access control interfaces for electric lock, door sensor, alarm, exit button and doorbell
- Lock Control Delay, Unlock Duration, Alarm Delay are programmable from 0 to 254 second
- Optical tamper switch and multiple alarm outputs
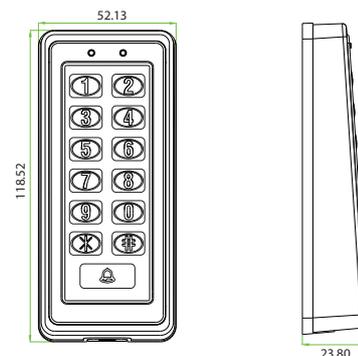- Slim, elegant and rugged design

Specifications

LED Indicator	Blue, Red
Keypad	White backlit, Numeric keys 0~9, Function keys *, #, Bell
Verification Type	Card, PW, Card/PW, Card+PW
Built-in Card Reader	125 kHz EM card (Optional 13.56 MHz Mifare card)
Card Capacity	1000
Password Capacity	8 Password Groups
Log Capacity	N/A
Communication	N/A
Access Control Interface	Electric lock, Door sensor, Alarm, Exit button and Doorbell
Wiegand Interface	Wiegand out
Auxiliary Interface	1 ea Auxiliary Input for linkage function
Power In	12V DC
Operating Temperature	-20 ℃-50 ℃
Operating Humidity	≤95%
Specification(W×H×D)	52×118×24mm
Ingress Protection Rate	IP65

Configuration

Dimensions (mm)

CE FC RoHS