R Series
Specifications

Dimensions

Finishes

Black

Configuration

Standalone

Panel
Features

Credential Types
Smartphone, NFC Card, Doorcode

Users
5000

Camera
135° image capture

Integration
With existing access panels or standalone

Management
App and Cloud

Communication

Wireless Standards
Bluetooth Low Energy (BLE), Near Field Communication (NFC), WiFi in beta (802.11b/g)

Wired Standards
Ethernet, Serial, Wiegand (output only)

NFC Frequency
13.56 MHz

NFC Read Range
Up to 0.75"

NFC Type
MiFare Classic

Supported Smartphones
iOS and Android (see website for full list)

Interface
Mobile apps, touchpad, NFC, and web

Inputs, Outputs, and Power

Power Type
Class 2 isolated, UL listed DC power supply

Supply Voltage
12V DC to 24V DC

Relay
1.5A @ 24V DC or 16V AC max

Lock Relay
Configurable SPST/normally open relay

Inputs and Outputs
3 configurable inputs/outputs

Termination
10 conductor cable with pre-tinned leads

Environmental

Operating Temperature
Operating and Storage: -40°C to 66°C, Camera -30°C to 66°C

Operating Humidity
0–93% relative humidity, non-condensing at 32°C

Environmental
IP65, IK04

Certifications and Warranty

Certifications
FCC Part 15 (US), IC RSS (Canada), UL294, UL/CSA 62368-1, RoHS

Warranty
1-year limited warranty on electronic components, 5-year limited warranty on mechanical components

Mechanical Specifications

Mounting Options
Surface mount, compatible with single-gang boxes

Applicable products for this guide are: Model: R Series (Generation 2) (FCC ID: 2AK5B-R2 | IC ID: 22134-R2)