

# KR600 Series

## Multi-tech RFID Reader



RFID



Password



Wiegand



RS485



Tamper



IP65



KR601

KR601S

KR602

KR602S

KR603

KR604

KR600 series is a high-security RFID reader, that supports 125KHz and 13.56MHz cards. This series features tamper-proof alarm functionality and offer two communication modes: Wiegand only or Wiegand & RS485. The RS485 communication protocol supports ZK-RS485, making it compatible with ZKTeco access control standalone devices and controllers. Also, Wiegand communication protocols also enable integration with third-party access control devices.

Available in six models, each reader offers distinct features including optional physical keypads and flexible authentication methods. All models support ID cards at 125kHz and IC cards at 13.56MHz, with a verification speed under 0.3 seconds and recognition distance of up to 4cm. They also feature a tamper switch, indicators, and an audio buzzer.

The KR600 series installation is compatible with:

- Mullion mount (KR601, KR602).
- Single gang and European gang box (KR601S, KR602S with back box).
- Asian gang box (KR603, KR604).
- Flat surface mount (all models).

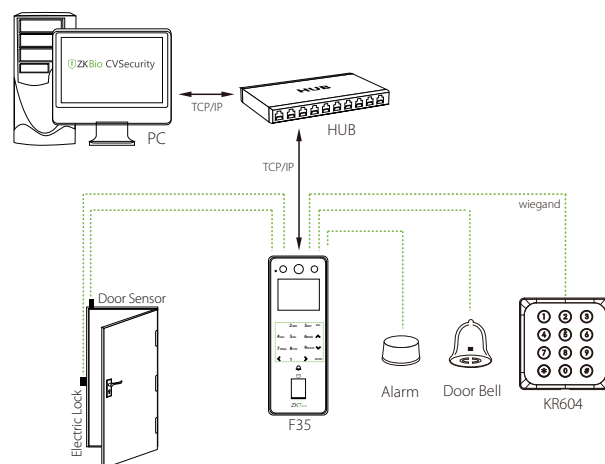
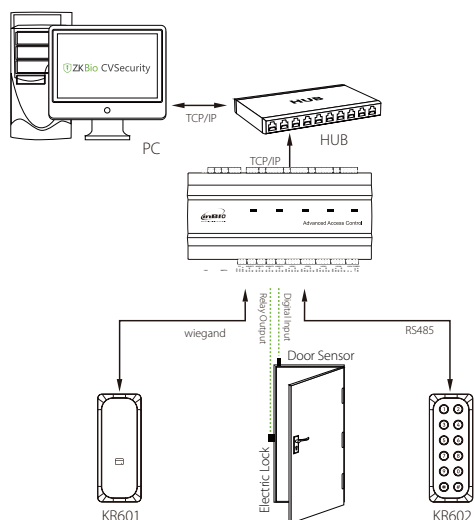
## Features

- Support multi-frequency 125kHz ID card and 13.56MHz IC card, including DESFire EV1 / EV2 / EV3 and NTAG.
- Two communication options: Wiegand only or Wiegand + RS485 (ZK-RS485).
- Tamper detection and alarm.
- Multiple authentication methods: card or card with PIN code.
- Achieved IP65 protection rating with dustproof and waterproof.

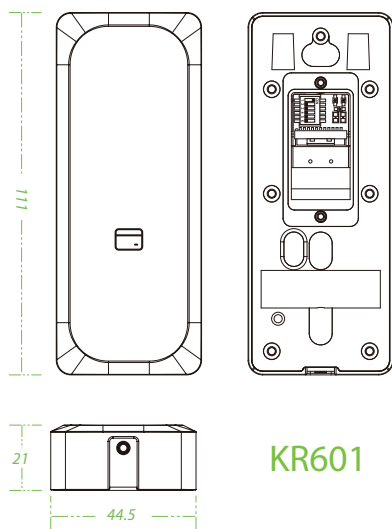
## Specifications

Model	KR601	KR601S	KR602	KR602S	KR603	KR604
Hardware	Physical Keypad: N/A RFID Module: ID & IC Tamper Switch: Support	Physical Keypad: N/A RFID Module: ID & IC Tamper Switch: Support	Physical Keypad: 12keys RFID Module: ID & IC Tamper Switch: Support	Physical Keypad: 12keys RFID Module: ID & IC Tamper Switch: Support	Physical Keypad: N/A RFID Module: ID & IC Tamper Switch: Support	Physical Keypad: 12keys RFID Module: ID & IC Tamper Switch: Support
Authentication Method	Card	Card	Card / Password	Card / Password	Card	Card / Password
Card Type	ID Card@125kHz & IC Card@13.56MHz (Standard)					
Verification Speed	< 0.3s @ Card					
Recognition Distance	< 4cm @ Card					
Communication	Wiegand output only (W34 / 66) Or RS485 (ZK-RS485) & Wiegand output (W34 / 66) Note: Support Wiegand format switching (Default: W34)					
Visual Indicator	LED Indicators Power On:Blue = Standby Status: Green = Verification successful Red = Verification failed					
Audio Indicator	Buzzer					
Tamper Switch	Support					
Operating Environment	Indoor / Outdoor					
Power Supply	9V~12V DC					
Operating Temperature	-20 C to 60 C					
Operating Humidity	10% - 90% RH (Non-condensing)					
Dimensions (L*W*H)	111*44.5*21mm	124*77*20.9mm	111*44.5*21.8mm	124*77*20.9mm	86*86*16.15mm	86*86*16.15mm
Gross Weight	0.16Kg	0.19Kg	0.16Kg	0.19Kg	0.17Kg	0.17Kg
Net Weight	0.13Kg	0.16Kg	0.13Kg	0.16Kg	0.14Kg	0.14Kg
Installation	Compatible with mullion mount or flat surface mounting	Wall-mount (Compatible with Single gang box / European gang box) or flat surface mounting	Compatible with mullion mount or any flat surface mounting	Wall-mount (Compatible with Single gang box / European gang box) or flat surface mounting	Wall-mount (Compatible with Asian gang box) or flat surface mounting	Wall-mount (Compatible with Asian gang box) or flat surface mounting
Housing Material	ABS Plastic					
Ingress Protection Rating	IP65 (water & dust proof)					
Certifications	ISO9001, ISO14001, CE, FCC, RoHS					
Factory ID	AC03-KR91H-01	AC03-KR91H-01	AC03-KR92H-01	AC03-KR92H-01	AC03-KR93H-01	AC03-KR94H-01

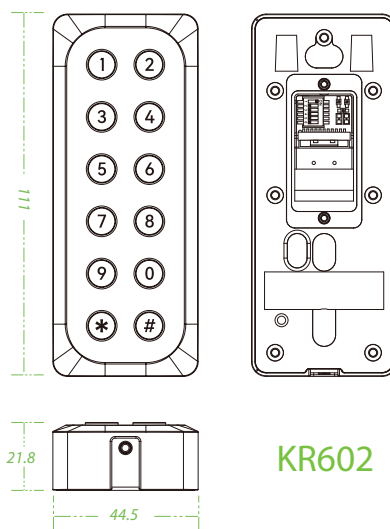
## Configuration



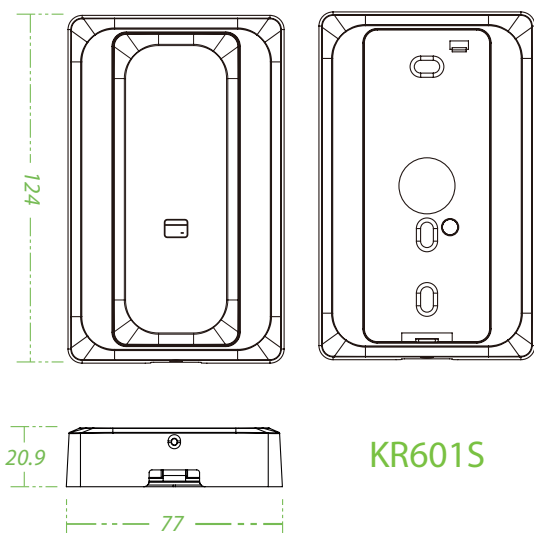
## Dimensions(mm)



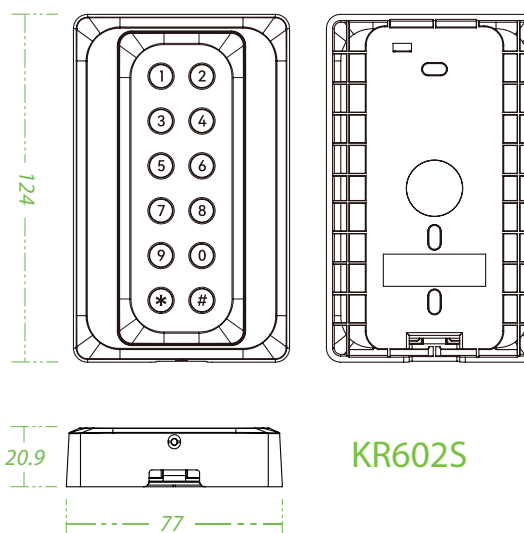
KR601



KR602



KR601S



KR602S

