ZKTeco

MK2-V and MK2-H
RFID Standalone Access Control Terminal

RFID   Custom PIN Code   Wiegand   IP66

MK2-V   MK2-H

ZKTeco's MK2-V and MK2-H are standalone RFID access control terminals featuring zinc alloy metal chassis for enhanced protection and robustness. Each model brings enhanced security to the forefront with dual authentication methods, allowing both RFID verification and custom PIN code entry. MK2-V and MK2-H also offer versatile Wiegand connectivity that can adapt to your system requirements.

Bi-directional Entry and Exit Verification (Primary Control Mode):
The MK2-V and MK2-H feature dual-role Wiegand connectivity that allow them to function as primary controllers (via Wiegand Input) managing multiple secondary readers to enable comprehensive bi-directional entry and exit verification.

RFID Standalone Reader (Secondary Reader Mode):
The MK2-V and MK2-H operates as a smart secondary RFID reader (via Wiegand Output), that seamlessly integrates with existing access control systems and controllers. In this configuration, MK2-V and MK2-H offer standalone capabilities while feeding data to your primary access control system, providing flexible expansion without replacing existing infrastructure.

Above all, MK2-V and MK2-H is built with Zinc Alloy and achieved the IP66 protection rating for water-resistant and dustproof, making them ideal solutions for indoor and outdoor applications.
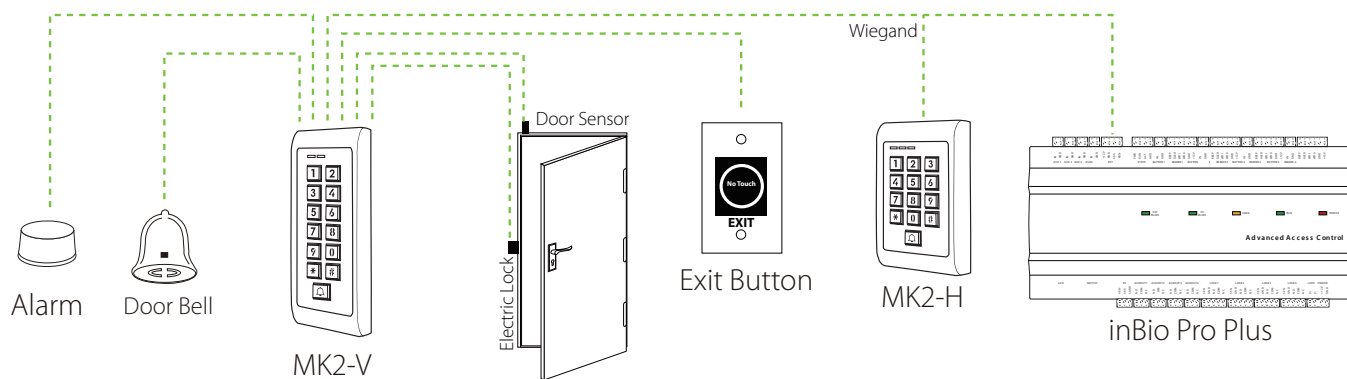
Features

- Chassis is made of zinc alloy for durability.

- Dual authentication methods: RFID and custom PIN code for enhanced security.

- Standalone operation with integrated user management. No additional software is required.

- Versatile Wiegand connectivity (Wiegand Input / Output) capability for flexible system integration.

- Certified with IP66 protection rating for water-resistant and dustproof.

Specifications

Model	MK2-H / MK2-V
Display	N/A
Authentication method	Card / PIN Code (Physical Keypad)
User Capacity	10,000 (1:N) (Standard)
Card Capacity	10,000 (1:N) (Standard)
Transaction Capacity	N/A
Max. User Password Length	4 to 6 Digits
Card Type	ID Card @ 125kHz (Standard) IC Card @ 13.56MHz (Optional)
Communication	Wiegand Input*1 & Wiegand Output*1 Electric Lock*1, Door Sensor*1, Exit Button*1, Doorbell*1,Alarm*1
Standard Functions	Access Control, Buzzer, Multiple Verification Methods, LED status indicators: Green: Verification successful (1 Beep) Solid Red: Verification Failed (3 Beeps) Orange: Configuration Solid Red: Standyby Rapid Red Flash: Alarm (Audible alert) Operation Error: 3 Beeps
Optional Functions	N/A
Power Supply	DC 12V 0.15A
Operating Temperature	-40℃ to 60℃
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	MK2-H: 117mm * 70mm * 22mm (L*W*H) MK2-V: 132mm * 55mm * 25mm (L*W*H)
Gross Weight	MK2-H: 0.361Kg MK2-V: 0.333Kg
Net Weight	MK2-H: 0.302Kg MK2-V: 0.283Kg
Supported Software	N/A
Installation	Wall-mount
Housing Material	Zinc Alloy
Ingress Protection Rating	IP66 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, RoHS

Configuration

Alarm Door Bell

MK2-V

Door Sensor

Electric Lock

Exit Button

Wiegand

MK2-H

Advanced Access Control

inBio Pro Plus

Dimensions (mm)

132mm

55mm

25mm

MK2-V

117mm

70mm

22mm

MK2-H

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