

ZKTECO

MK-V1

Waterproof Standalone A&C Device



APP



WI-FI



IP66



Compatible With
ZSmart App



MK-V1 is a waterproof standalone access control device with an IP66 metal case and a touch keypad.

MK-V1 supports verification with Fingerprint(Optional),passwords and RFID cards .The device supports WiFi and Bluetooth, and can remotely open doors by connecting to the ZSmart app.

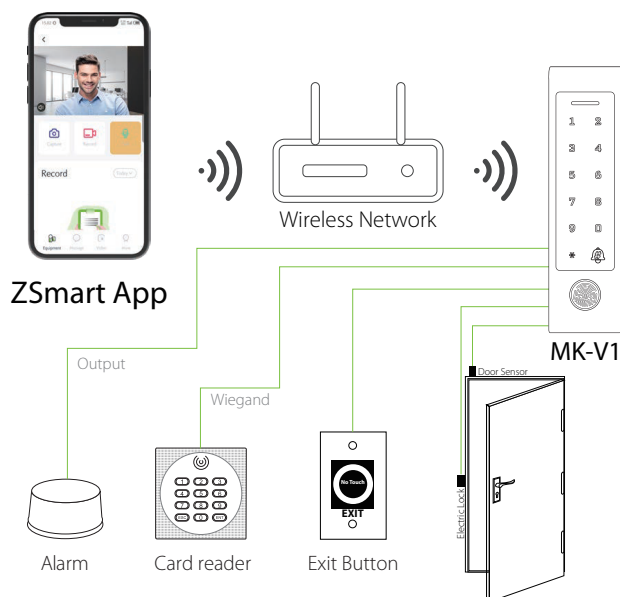
Features

- Metal case
- Touch keypad
- Available card modules:125KHz ID card and 13.56MHz IC card
- IP66 waterproof and dustproof
- One relay, 1,000 users (988 common + 2 panic + 10 visitor)
- PIN length : 4-6 digits
- Can be used as Wiegand reader with LED & buzzer output
- Tri-color LED status display
- Built-in light dependent resistor (LDR) for anti tamper

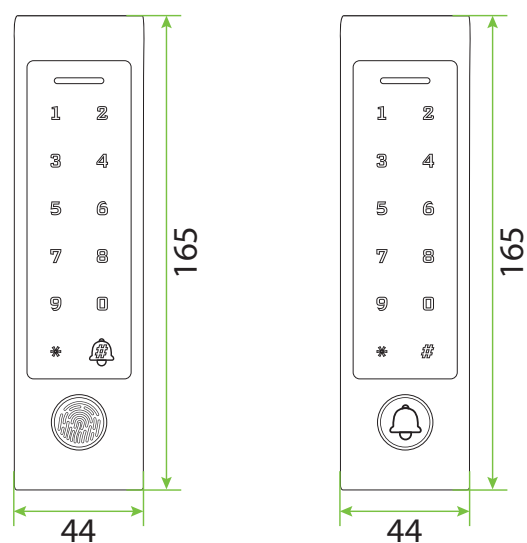
Specifications

Model	MK-V1	MK-V1[F]
Operation System	Linux	Linux
Hardware	CPU: CKSF030 RAM: 8k; ROM: 64K Physical Keypad: 12 Keys	CPU: CKSF030 RAM: 8k; ROM: 64K Physical Keypad: 12 Keys
Authentication method	Card / Password	Fingerprint / Card / Password
Fingerprint Template Capacity	/	1,00 (1:N) (Standard) / 6,000 (1:N) (Optional)
Card Capacity	888 (1:N) (Standard)	
Transaction Capacity	1,000(Standard)	
Max. User Password Length	6 Digits	
Card Reading Distance	2~6cm	
Biometric Verification Speed	/	<0.3s@ Fingerprint
False Acceptance Rate (FAR) %	/	≤0.001% (Fingerprint Recognition)
False Rejection Rate (FRR) %	/	≤0.1% (Fingerprint Recognition)
Card Type	ID & IC (125 kHz & 13.56 MHz Dual Frequency)	
Communication	Wi-Fi (IEEE802.11n/b/g) @ 2.4 GHz Bluetooth: BLE5.0 Wiegand (Input & Output)*1 Aux Inputs *1, Aux Outputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, Alarm*1	
Operating Voltage	DC 12-18V	
Operating Current	<150MA	
Operating Temperature	-20°C to 60°C	
Operating Humidity	0% to 98% RH (Non-condensing)	
Dimensions	165 mm*44 mm*22 mm (L*W*H)	
Gross Weight	0.500 Kg	
Net Weight	0.415 Kg	
Supported Software	Mobile App.: Zsmart (Mobile Credential)	
Installation	Wall-mount	
Ingress Protection Rating	IP66 (waterproof and dustproof)	
Certifications	CE, RoHS	

Configuration



Dimensions (mm)



V1.0 07/18/2023