

ZKi-Keyvolt M (30 & 50)

Smart Key Management Cabinet



Facial
Recognition



Palm
Recognition



Card
Recognition



Password

Compatible with

 **Keylock**



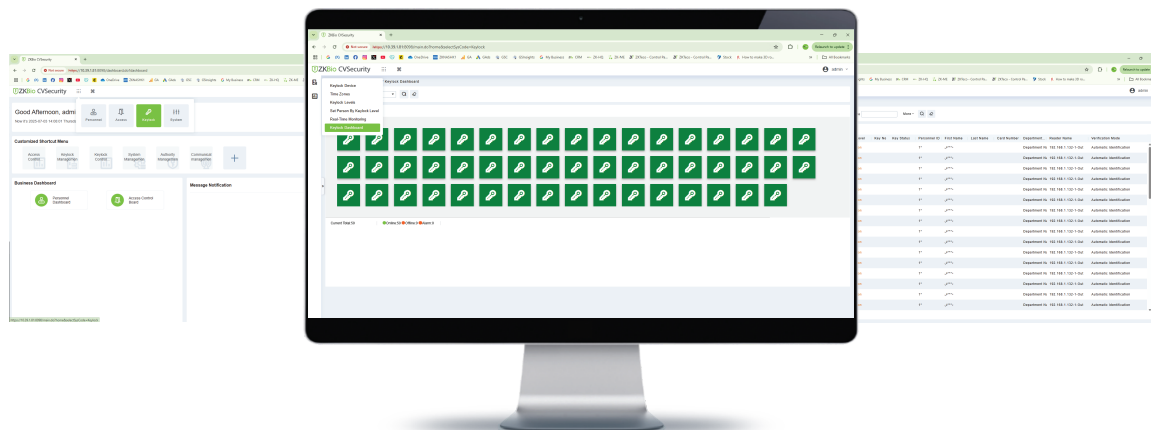
The ZKi-Keyvolt M (30 & 50) features a patent-protected, innovative Key Slot Strip Control design with advanced smart integration. Combining a secure anti-theft Key Tag with biometric identity authentication, it offers enhanced stability, intelligent access control, and superior asset protection through advanced face recognition, palm recognition, card recognition technology.

Features

- Innovative KeySlot Strip Control Design Patent-protected, New Generation Lock Control Technology, High Integration and More Stable Operation
- Innovative Smart Integrated Anti-Theft KeyTag Design, Perfect Combination of Key and Smart KeyTag for Enhanced Safety
- Biometric Identity Authentication and Recognition Technology, Advanced Face Recognition Technology Ensures, Enhanced Security and Effective Asset Protection.

Name	Intelligent Key Management Cabinet	
Model	ZKi-Keyvolt M (30)	ZKi-Keyvolt M (50)
Key Positions	30	50
Net Weight	Approx. 35Kg	Approx. 42Kg
Material	Cold rolled steel, 1.5~2.0mm thickness	
Dimensions	695*500*202mm	695*640*202mm
Technology	RFID	RFID
Power Supply	Input: 100~240V AC, Output: 12V DC	
Login Option	Face / Fingerprint / Palm (Customized) / Card / Password (Virtual Keypad)	
Power Consumption	Peak 60W, Idle 13W	Peak 60W, Idle 18W
Temperature	-10°C to 45°C (14°F to 113°F)	
Installation	Wall-Mounted Installation	
Network	TCP/IP, Wi-Fi	
Display	5", Resolution: 720*1280, Touch Screen, TFT LCD	
CPU	1.2 GHz Quad-Core ARM Processor	
Module	Face Recognition / Palm Recognition	
Recognition Mode	1:N	
Speed Verification	< 100ms (Field Test Result) (Face Authentication Speed) < 140ms (Field Test Result) (Palm Authentication Speed)	
Data Protection	Complies with TLS 1.2 for end-to-end secure communication channel (Secured Communication between Standalone Terminal & Server) AES128 (Secured Communication between the Standalone Terminal & OSDP Readers & Access Control Panels)	

Software



ZKBio CVSecurity

ZKBio CVSecurity is a comprehensive, web-based security platform that integrates hybrid biometric and computer vision technology to deliver intelligent, centralized control across access, personnel, and asset management systems. The platform includes dedicated modules such as Personnel, Access, Keylock, and System Settings, allowing for streamlined configuration and real-time monitoring.

Now enhanced with the **Smart Key Management Cabinet**, ZKBio CVSecurity enables secure, automated tracking and control of physical keys—ideal for managing vehicles, facilities, tools, and other critical assets. This solution ensures greater accountability, operational efficiency, and compliance across various industries including law enforcement, transportation, utilities, finance, and manufacturing.

Features

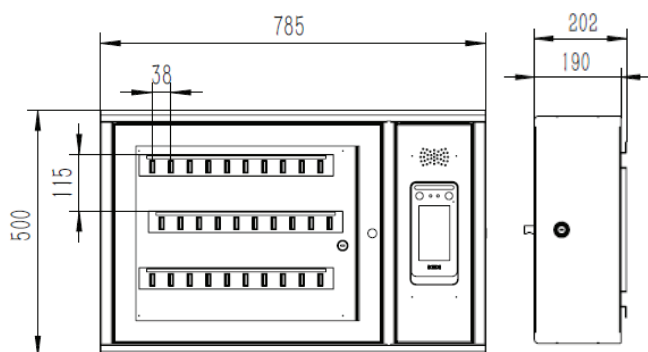
- The Web allows administrators to gain insight into all keys anywhere, anytime.
- It provides you with all the menus to configure and track the whole solution.
- View real time data relative to users and keys through events, bookings and alarms.
- Take care of user management, key & item tracking, reporting, analytical data, and bookings.
- Mobile responsive user-friendly web application that provides complete control of the key management systems in a versatile way, allowing for growth of a network of cabinets and valuable analytics on the go. **(Coming soon)**

Applications

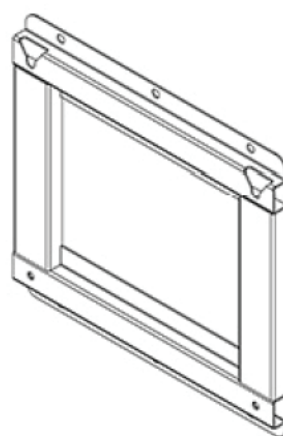
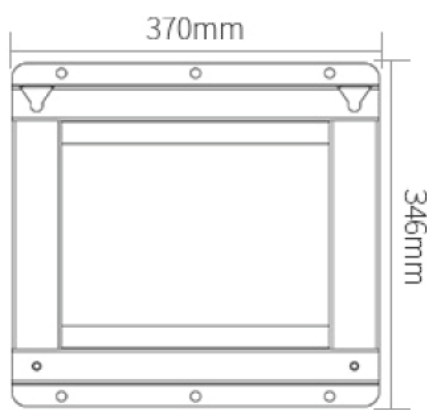
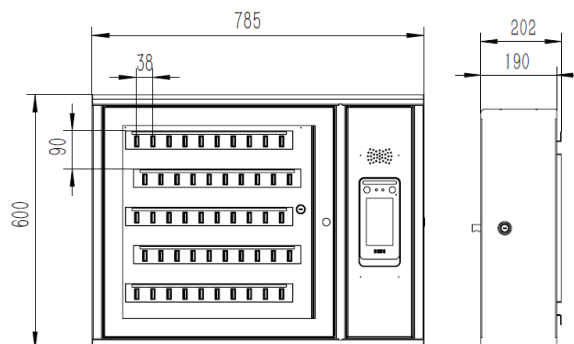
The intelligent key management cabinet is a highly secure, automated system designed to efficiently control and track keys for vehicles, facilities, tools, and fixed assets across various industries. It is ideal for law enforcement agencies, judicial departments, car dealerships, banks, hotels, amusement parks, pharmaceutical companies, energy facilities, and more. With advanced access control, real-time monitoring, and detailed usage logs, it enhances operational efficiency, reduces human error, and strengthens asset security in both high-traffic and sensitive environments.



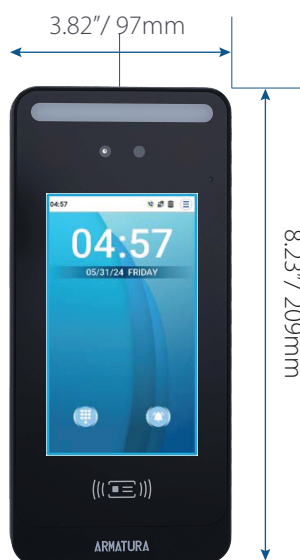
ZKi-Keyvolt M (30)



ZKi-Keyvolt M (50)

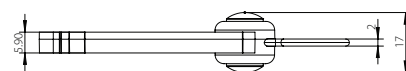
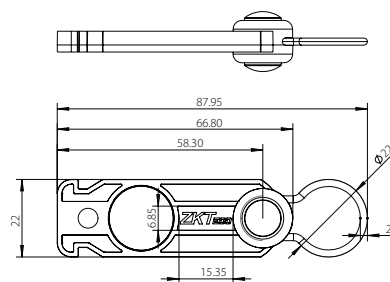


Dedicated Bracket



Patent -protected, Smart KeyTag

(Only the black color is available.)



OmniAC30

