

# V1 Smart Key Cabinet

## Intelligent Key Management System

### Product Overview

**Model:** V1 Series | **Key Capacity:** 10 – 200 Keys



The V1 Series Smart Key Cabinet is an integrated intelligent key management solution designed for a wide range of enterprise and commercial applications.

Suitable for:

- Corporate offices
- Government vehicle management
- Property management
- Security & logistics operations
- Real estate agencies
- Server rooms & warehouse management
- Industrial and commercial facilities

Featuring a modern industrial design, the V1 Series supports both wall-mounted and floor-standing installation, allowing seamless integration into office entrances, corridors, security rooms, and other indoor environments.

The system combines secure key control, intelligent user authentication, and real-time key monitoring to help organizations improve operational efficiency, accountability, and security management.

## > Technical Specifications

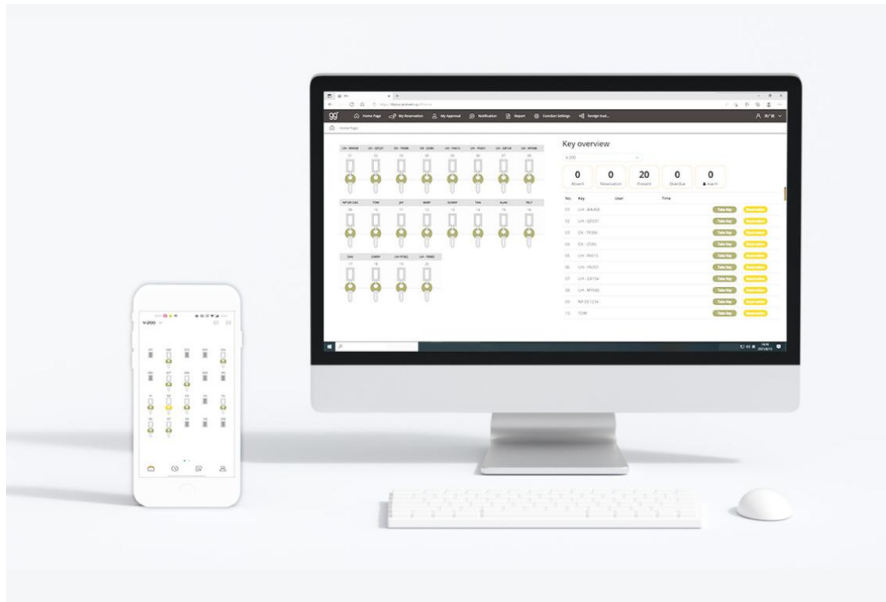
General Specifications	
<b>Product Models</b>	V1-S,V1-M,V1-L,V1-XL
<b>Key Capacity</b>	10-200
<b>Cabinet Color</b>	Black+Orange
<b>Material</b>	Cold-Rolled Steel
<b>Operating System</b>	Android12
<b>Authentication Methods</b>	Password / RFID Card (Standard), Fingerprint & Facial Recognition (Optional)
<b>Management Functions</b>	Key Presence Detection, Key Usage Records, Permission Management, Alarm Notifications
<b>Communication Interfaces</b>	Supports Ethernet / USB and integrate with management platforms
<b>Backend Integration</b>	Supported
<b>Installation Options</b>	Wall-Mounted / Floor-Standing

Cabinet Dimensions & Weight		
Model Size	Dimensions	Net Weight/KG
Small	735.6 × 393 × 200 mm	24 kg
Medium	735.6 × 543 × 200 mm	35 kg
Large	735.6 × 693 × 200 mm	37 kg
Extra Large	734.5 × 1698 × 500 mm	98 kg

Power Specifications	
<b>Power Supply</b>	12V 5A (Max)
<b>Adapter Input</b>	110–240V AC, 50/60Hz, 1.3A (Max)
RFID Reader	
<b>RFID Frequency</b>	125KHz/13.56Mhz(Optional)
Camera Module	
<b>Module Size</b>	23.5×83.5×9.5mm
<b>Sensor Type</b>	1/2.9"CMOS / 1/2.7"CMOS
<b>Resolution</b>	1920 × 1080
Fingerprint Module	
<b>Fingerprint Capacity</b>	500
<b>Sensor Type</b>	Capacitive Sensor
<b>Collection Method</b>	Press-Type
<b>Service Life</b>	>1 Million Operations
<b>Sensor Size</b>	18.29 × 33.4 mm
<b>Communication Interface</b>	USB 1.1 / 2.0 UART

<b>Baud Rate</b>	57600bps (Default)
<b>Display &amp; System Hardware</b>	
<b>CPU</b>	RK3568 Quad-Core Cortex-A55, 2.0GHz
<b>Memory</b>	2GB + 16GB
<b>GPU</b>	Mali-G52
<b>Display Size</b>	7-inch
<b>Resolution</b>	1280×800
<b>SIM Card</b>	Nano SIM Supported
<b>Ethernet</b>	1000Mbps Adaptive Network Interface
<b>Wireless Connectivity</b>	WiFi 6 (2.4G), Bluetooth 5.0
<b>Controller Dimensions</b>	177.7×121.2×34.4 mm

## > Cloud Platform & Software Features



- **Real-Time Monitorin:** Monitor key status and user activity in real time.
- **Audit Trail:** Automatically record all key transactions and operation logs.
- **Remote Management:** Support remote user management and permission configuration.
- **Multi-User Authorization:** Flexible user roles and access permissions.
- **Alarm Notifications:** Abnormal operation and overdue return alerts.
- **Cloud Platform Support:** Centralized cloud-based management platform.
- **Mobile App Support:** Support mobile application access and operation.
- **Multi-Site Management:** Centralized management for multiple locations.
- **Data Reporting:** Exportable operation records and usage reports.
- **System Integration:** Supports integration with third-party management systems.

## >List of System

Item	Specification
#1	99Plus Smart Key Cabinet
#2	RFID Key Tags
#3	Terminal Controller
#4	Power Cable
#5	Robust One-time Security Seals
#6	Key Labels
#7	Emergency Keys
#8	Manual