



Jumpstart the development of state-of-the-art security systems for residential and commercial buildings with the VPai Smart Lock Turnkey Platform. Merging multiple levels of security authentication into a single system, including fingerprint recognition, NFC, and a touchpad, this highly-integrated platform enables you to meet the diverse needs of this rapidly-growing market.

VPai Smart Lock features a robust and stylish aluminum enclosure that includes a high-quality wide-angle HD camera with night vision capabilities and PIR motion detection, two-way audio for remote calling, an NFC card reader, a fingerprint recognition module, a 12-key touch pad, a 2.7" TFT display, and a tamper switch that sends alarms when it detects attempts to dismantle it. Other features include Wi-Fi connectivity, two Li-Ion batteries, and the lock motor.

The VPai suite of user-friendly Apple® iPhone® and Android smartphone apps enables 24/7 remote access control, remote unlock, essential alerts, and remote viewing of recorded video and much more. Cloud storage options are also available.

With our comprehensive range of VPai rapid productization services, we can work with you to customize the hardware and software platform to meet your exact requirements as well as manage the sourcing, manufacturing, QC and QA, and logistics processes.



Simple Installation & Diverse Operation

VPai Smart Lock easily connects to a local Wi-Fi network and enables quick and easy setup with its user-friendly Apple iPhone and Android smartphone apps. Operation is simple with the app's clean interface and intuitive design that allows instant access to live video from the wide-view camera – enabling you to remotely lock/unlock the door regardless of where you are.



Fingerprint Recognition

VPai Smart Lock's fingerprint recognition module ensures secure and convenient access control through the fast and accurate identification of family members, office workers, and approved visitors.



NFC Card Reader

VPai Smart Lock's NFC card reader enables contactless access for users and visitors with authorized ISO/IEC 14443 Type A devices.



12-Key Touchpad

VPai Smart Lock's touchpad protects the building from unauthorized access with its support for 12 character/digit passwords.



Integrated display

VPai Smart Lock's 2.7" TFT display facilitates the remote visual identification of visitors with its crisp and clear graphics resolutions.



Stylish and Robust Design for Indoor or Outdoor Applications

With its stylish and robust design, VPai Smart Lock blends in any home or office environment. Crafted from tough, hard-wearing materials, the device is weather resistant design and can operate trouble-free in demanding temperature and weather conditions.



High-Quality HD Video

VPai Smart Lock captures scenes in rich, vibrant colors in superb HD resolutions of 1280x720, ensuring that you can clearly see what's happening outside your door from your smartphone. The wide viewing angle modes provides a clear, comprehensive picture of the target environment.



Superior Night Vision

VPai Smart Lock delivers 24-hour protection day or night, with infrared night vision that ensures clear videos continue when darkness falls.



Cloud Storage Options

Recorded footage can be stored on the optional VPai Home Cloud service. The user-friendly interface of the VPai Home app makes it easy for you to scroll past footage and download relevant videos.



Motion-Activated HD Video Alerts

VPai Smart Lock sends an HD video alert when motion is detected by its smart PIR (Passive Infrared) sensor. The alerts are sent directly to your smartphone through the VPai Home app, so that you can see exactly what is happening and decide how best to respond.



Two-Way Audio

The built-in microphone and speaker enable you to converse with your visitor without opening the door first.



Anti-Dismantling Alarm

VPai Smart Lock's tamper switch detects if someone tries to pry it open. It prevents forced entry with an automated alarm and alert to your smartphone.

Hardware Features

- Aluminum enclosure with robust PMAA design
- 720P CMOS image sensor
- HD video resolution
- 170° wide-angle lens
- Infrared night vision and fill-light
- Motion detection using smart PIR sensor
- 2.7" 320x240 TFT LCD display
- Two-way audio
- Supports two 7.4V 5000mAh Lithium-ion batteries
- 802.11 b/g/n Wi-Fi
- NFC card reader supports ISO/IEC 14443 Type-A NFC cards
- 12-key capacitive touch keypad
- ON-OFF button; 1 Ring button; 1 Reset button; 2 Function buttons (optional)
- Capacitive touch fingerprint recognition module
- Anti-dismantling alarm function
- Operating Temperature range: -20°C~55°C
- Humidity 10%~90% RH (non-condensing)
- 400mm x 83mm x 24mm (W x D x H)
- User Manual

App Features

- Facebook/WeChat/LINE log-in
- Live preview and record
- Instant alerts
- Remote video playback
- Cloud storage
- Bi-directional voice communication
- Multiple languages
- Automatic OTA updates

