

Kmuun P5

In an era of pervasive digitalization, smart door locks are now standard in modern homes. However, as devices grow more connected, users enjoy greater convenience but also face unprecedented concerns about privacy and security. Addressing this key market insight, Kmuun introduces P5—an embedded facial recognition fingerprint lock.

More than just an upgrade to conventional smart locks, it represents Kmuun's bold move to rebalance privacy and user experience. The product redefines customer-centric standards for smart lock technology and reflects Kmuun's deep response to user needs.

Kmuun never stops innovating in intelligent locks.

Through user feedback and market research, we learned that while smart locks offer great convenience, some users worry about connectivity. They fear cloud-based facial recognition could leak privacy, or that hackers could compromise home security. Meanwhile, expectations for functionality, design, and easy installation are also rising.

To address these concerns, Kmuun adopted an on-device facial recognition system that processes and stores all data locally—eliminating the need for cloud uploads and ensuring privacy is protected at the source.

Convenience is as important as privacy



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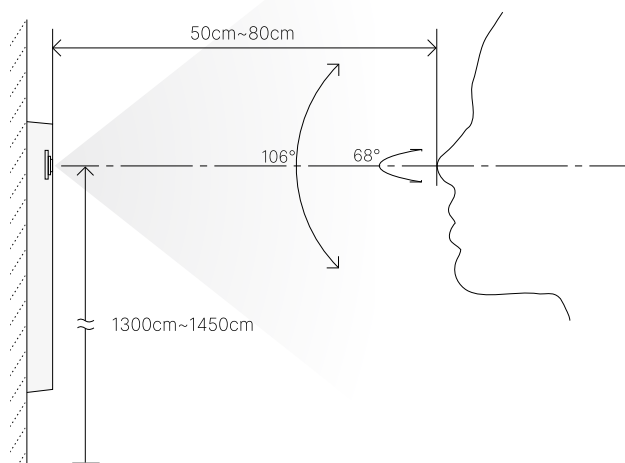


On-Device Facial Recognition

No Internet Needed, Privacy First

Kmuun P5 features a high-performance on-device facial recognition module powered by an advanced A-series chip and deep learning algorithms. It captures high-definition facial data even in low light or backlit conditions, delivering accurate recognition in under one second with 99.9% accuracy.

Equipped with anti-spoofing liveness detection, it effectively blocks attempts using photos or videos. The lock supports up to 99 facial profiles, making it ideal for families. All facial data is stored locally within an encrypted chip using AES-256 encryption. Even if the lock is physically damaged, data remains secure and unreadable.



Kmuun P5

Your Privacy Guardian in the Internet Age

In the digital era, privacy is our most valuable asset. Kmuun P5 built-in facial recognition fingerprint lock uses innovative technology to strengthen your privacy protection and enable a smarter, safer lifestyle. No internet connection required — privacy comes first.

With advanced on-device facial recognition, all data is processed locally, keeping your privacy firmly in your hands. A quick glance unlocks your door instantly — secure and effortless.

Beyond facial recognition, the Kmuun P5 supports fingerprints, passcodes, and cards, meeting the needs of the whole family. Say goodbye to traditional keys and make coming home a delight. Generate temporary passwords remotely for visitors even when you're away — practical and convenient. Crafted with precision CNC-machined aluminum and anodized finish, every detail reflects premium quality. Its rounded R1 corners and flush-mounted design blend seamlessly with your door. More than a smart lock, Kmuun P5 is a guardian of your privacy and an enabler of effortless living. Choose Kmuun P5 — for safety and convenience right at your doorstep.



Kmuun P5 Built-in Facial Recognition Fingerprint Lock stands out in the smart lock market with its strong privacy protection, multiple unlocking methods, refined design, and flexible installation. It not only meets users' needs for security and convenience but also sets a new benchmark for privacy and personalized experience.

The facial recognition sensing distance is set at 50cm, though this may vary under different lighting conditions.

If infrared recognition fails, manual intervention can trigger facial authentication to unlock.

During facial registration, users are guided by voice prompts to turn their heads slightly to enable multi-angle recognition.

If misrecognition occurs frequently, it is often due to limited registration angles. Re-registering the face is recommended.

CNC-Machined Aluminum & Anodized Finish

Elegant Design, Premium Materials

The indoor and outdoor units of Kmuun P5 are crafted from CNC-machined aluminum through multi-stage precision processing. This lightweight yet strong material offers high corrosion resistance and impact strength, ensuring lasting sturdiness. The CNC process guarantees extreme precision—every line and corner is meticulously designed and polished, delivering a sophisticated and premium feel.

For enhanced durability and appearance, the surface of P5 is treated with anodization. This forms a dense oxide layer that resists wear, scratches, and corrosion. Available in classic shades like black, silver, and gold, as well as trendy options such as rose gold and bronze, the lock can be customized to seamlessly blend with your home's style.



Multiple Access Methods

Fingerprint, passcode, Card & Temporary Code

Beyond facial recognition, the Kmuun P5 features an advanced semiconductor fingerprint sensor with liveness detection, capturing 3D fingerprint data to prevent spoofing. It supports up to 100 fingerprints, ideal for households and guests. The passcode function allows disguised input — users can add random digits before or after the correct code, protecting against password theft.

The lock also supports encrypted RFID cards (IC/ID types) and remote temporary passcodes. Through the app, users can generate one-time codes with custom expiration and usage limits. Each code is uniquely encrypted, enabling secure remote access for visitors.

Installation Design

Flexible mounting options for personalized needs

Kmuun P5 features an innovative design with R1 rounded corners, maintaining a clean and modern look while enabling seamless flush mounting. This allows the lock to sit perfectly level with the door surface for a sleek, integrated appearance.

To support flush installation, P5 is structurally optimized and includes multiple accessory options, fitting doors with thicknesses from 35mm to 100mm. Installation is simple and user-friendly, with detailed guides and video tutorials provided. For added convenience, Kmuun also offers professional installation services bookable through official channels.

