



Trudian's Smart Lock Installation at Guanghui Apartment, Zhuhai, China

Project	Solutions	Location
Zhuhai Guanghui Apartment	Residential Smart Lock	China
Product Type	Model	Quantity
Smart Lock	TD-H6-B	1,100
Phone App	Tuya Smart App	

Overview

Trudian, a leader in smart security industry, successfully completed the installation of 1,100 sets of TD-H6-B fingerprint smart locks at Zhuhai Guanghui Apartment, China. This project marks a significant step in enhancing the security and convenience of residential complexes, catering to the modern needs of residents.

Challenges

Zhuhai Guanghui Apartment sought to upgrade their security system, specifically focusing on door access control. The main objectives were:

1. Improve overall security for residents.
2. Streamline access control by reducing the dependency on traditional keys.

3. Implement a system that is easy to use, yet robust enough to protect against unauthorized access.
4. Modernize their infrastructure to appeal to tech-savvy residents.

The property management at Zhuhai Guanghui Apartment wanted a solution that would not only enhance security but also add a layer of convenience, particularly for families and tenants with varying access needs.

Why Trudian?

Zhuhai Guanghui Apartment chose Trudian based on several key factors:

1. Proven Reliability: Trudian's reputation for providing high-quality, reliable smart locks made us the top choice.
2. Cutting-Edge Technology: The TD-H6-B fingerprint smart lock offers advanced biometric security, ensuring only authorized users can gain access.
3. Ease of Use: With fingerprint, password, card, and Tuya Smart App access, the TD-H6-B smart lock provided the flexibility needed for modern apartments.
4. Comprehensive Service: Trudian's full-scale service, from product selection to installation and post-installation support, was a decisive factor for the apartment property management team.

Solution Implementation

Trudian installed 1,100 sets of TD-H6-B fingerprint smart locks across the entire Zhuhai Guanghui Apartment complex. Each lock was equipped with:

1. Fingerprint Recognition: High-precision fingerprint scanning via advanced semiconductor fingerprint sensor to allow residents secure, fast, and keyless entry.
2. Multiple Access Methods: In addition to fingerprint access, the TD-H6-B also offers password, card and Tuya Smart App entry, allowing residents to choose the most convenient method.
3. Robust Security Features: Anti-tamper alarm, automatic lock mechanisms, and encryption technology ensure enhanced protection.
4. Energy Efficiency: Long-lasting battery life and low-power alerts make maintenance easier for residents and property management. Plus it features Type-C emergency power port for back up when power run out.

The installation was completed smoothly, with Trudian providing thorough training to the building property management on the operation and maintenance of the new system.



Results

The installation of Trudian's TD-H6-B fingerprint smart locks has significantly improved the safety, convenience, and modern appeal of Zhuhai Guanghui Apartment. Key outcomes include:

1. Enhanced Security: The biometric system ensures that only registered residents have access to their apartments, providing a heightened sense of safety.
2. Improved Resident Experience: The keyless entry system has made it easier for residents to access their homes without the hassle of traditional keys, reducing lockouts and lost keys.
3. Operational Efficiency: Building property management has seen a reduction in security concerns and a smoother workflow with fewer requests for key replacements and lock repairs.

Conclusion

The Zhuhai Guanghui Apartment project underscores Trudian's commitment to delivering innovative and reliable smart security solutions. The successful deployment of 1,100 sets of TD-H6-B fingerprint smart locks not only met the client's expectations but also set a benchmark for residential security in the region. Through this project, Trudian has once again demonstrated its capability to provide top-tier smart security solutions that blend convenience, cutting-edge technology, and robust protection.

