

Technical Specifications of iDKMS

Central Control Unit:

1. Display : 7 inch, capacitive touchscreen, multi touch
2. Processor : 1.8 GHz Quad Core, ARM V8 64 Bit
3. RAM : 8 GB
4. ROM : 32 GB
5. 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless
6. Gigabit Ethernet
7. Sony IMX219 8-megapixel Camera Module
8. ARM Cortex M3 (Core MCU), 450 dpi Fingerprint Sensor
9. OS : Linux Distro
10. Database : MySQL
11. Regulated SMPS power Supply 12V 18 Amp and 5V 18 Amp

RFID Key:

1. 13.56 MHz ISO 14443A : NFC Type 2 NTAG213 HF RFID
2. Tamper Proof housing with locking slot, dual side
3. Pre-programmed 10 digit RFID Card number

RFID Key Slot:

1. Solenoid lock mechanism with push to lock
2. Holding Force of over 100 kg
3. Push to lock function
4. Up to 1024 key slot can be controlled from a single controller

Key ring:

1. Tamperproof 1.5 sq.mm Stainless Steel ring
2. Customizable key ring length

Features:

1. Built in Browser Application Software
2. Can Create Multiple users, allot keys, adhoc key allotment
3. Verification of the user through Face Recognition / Fingerprint / RFID / QR / PIN / Combination
4. SMS and Email Alert (Optional)
5. Built in MySQL Database
6. IoT Enabled (Can send data to multiple cloud servers, built in API to Receive Data, built in Functionality to collect data from cloud servers)
7. Optional 128 bit Data Encryption
8. Subscription based Cloud Application