PDQ locks have six different models, each with two variants: 1) Keypad 2) No keypad

PDQ locks have the following models:

1) GTS
2) SDS
3) 6EWS
4) CLS
5) MRS
6) KMS

All models will have the same functionality, and all locks will have two common PCBs: front and back.

Both boards are powered by a single power unit: 6V --> 1.5V AA battery batteries.

	GTS Cylindrical Lock	SDS Cylindrical Lock	KMS Deadbolt	MRS Mortise Lock	CLS Interconnected	6EWS Exit Device Trim
Lock dimensions: L x W x H	22cm x 20cm x 24cm	16cm x 16cm x 15cm	13cm x 10cm x 14cm	20cm x 18cm x 34cm	20cm x 17cm x 32cm	16cm x 18cm x 32cm
PCBA	KL-PCB-PDQ-1 (Back board) PBCRCM (Front board)	KL-PCB-PDQ-1 (Back board) PBCRCM (Front board)	KL-PCB-PDQ-1 (Back board) PBCRCM (Front board)	KL-PCB-PDQ-1 (Back board) PBCRCM (Front board)	KL-PCB-PDQ-1 (Back board) PBCRCM (Front board)	KL-PCB-PDQ-1 (Backboard) PBCRCM (Front board)
Power Supply	6V DC Battery Cells	6V DC Battery Cells	6V DC Battery Cells	6V DC Battery Cells	6V DC Battery Cells	6V DC Battery Cells
Schematic	All the components Are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID	All the components are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID	All the components are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID	All the components are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID	All the components are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID	All the components are same including DC-DC Converter, Buzzer, BLE & WiFi module, Switches, Keypad, Flash memory, Motor Driver, NFC, RFID
Images						

The PDQ locks have two different PCBs, which are listed below.

1) Back side board: KL-PCB-PDQ (all locks use a common PCB for the back side)

2) Front side board: We are using the front side board as contains FCC. (All locks have a common PCB on the front side.)

Back side PCB:

Back side have 2 FCC certified module listed below:

Wi-Fi: ESP32 S2 MINI 2--> FCC ID: 2AC7Z-ESPS2MINI2
**BLE: 45100001--> FCC ID: SQGBL654**

Front side PCB:

Front side have FCC certified PCB listed below:

FCC ID: 2AV6C-CRCM1101B1 (Front side PCB contains BLE, NFC, & RFID)

Locks images (External & Internal)

External images:
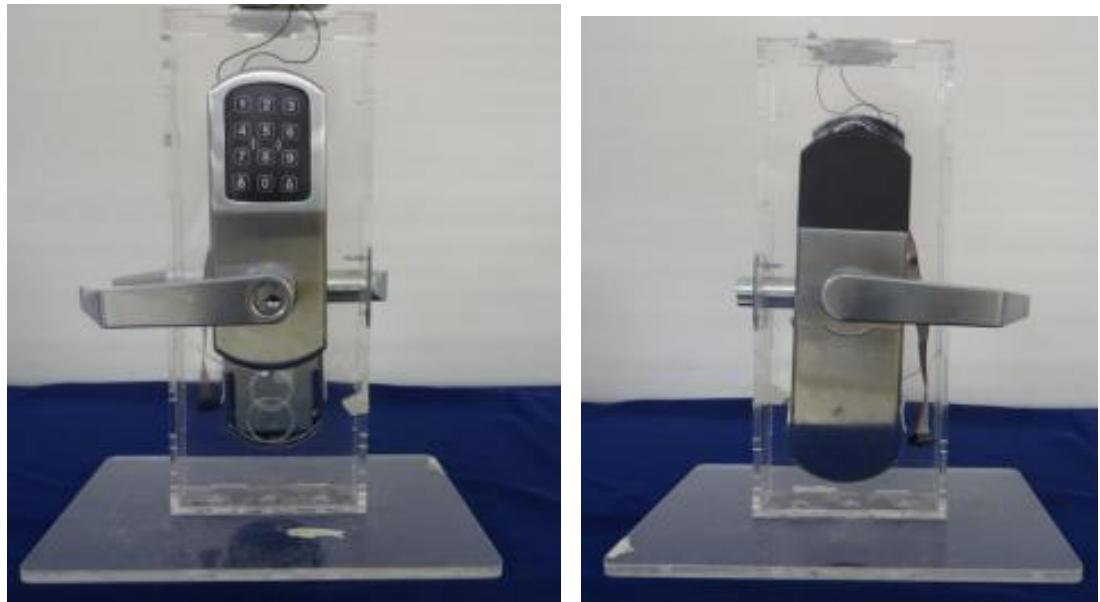
**Internal images:**
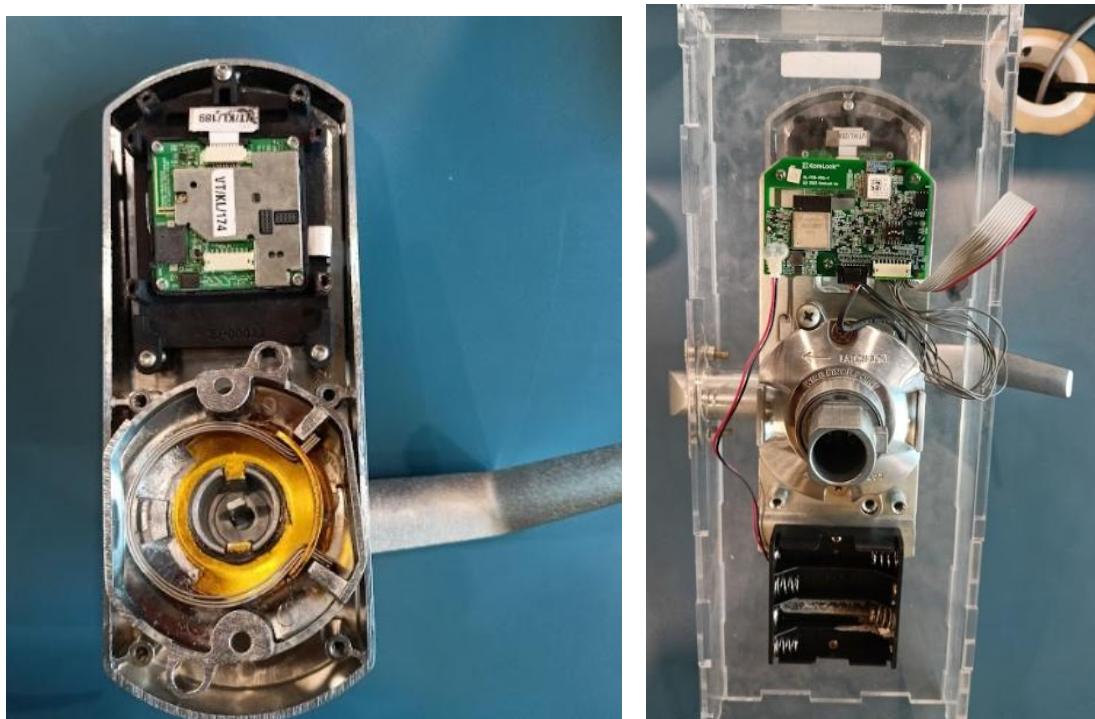
GTS Lock

External images:
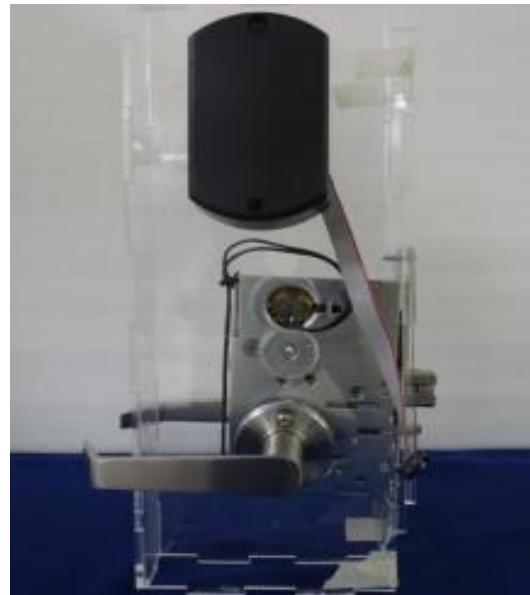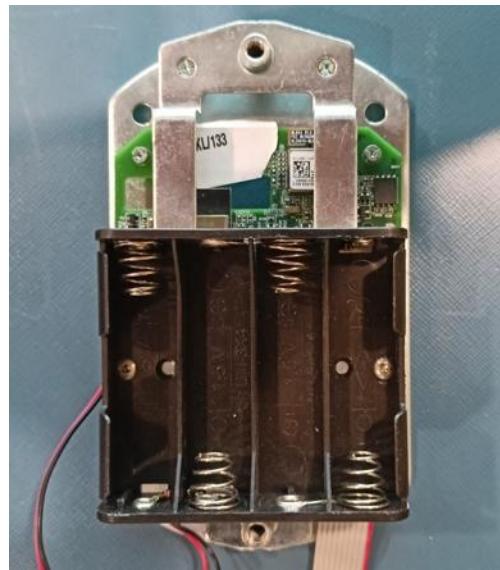
Internal images:

MRS Lock

External images:
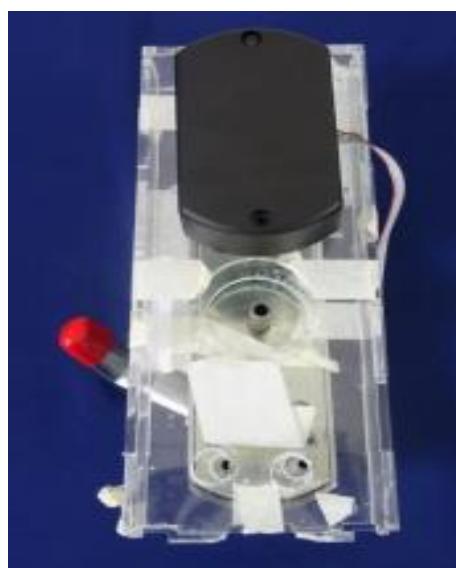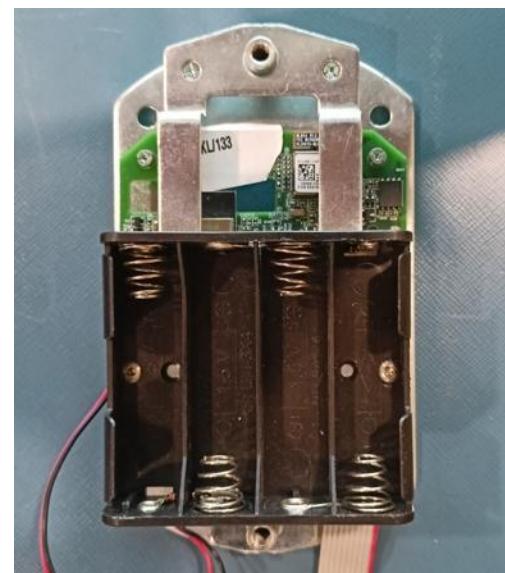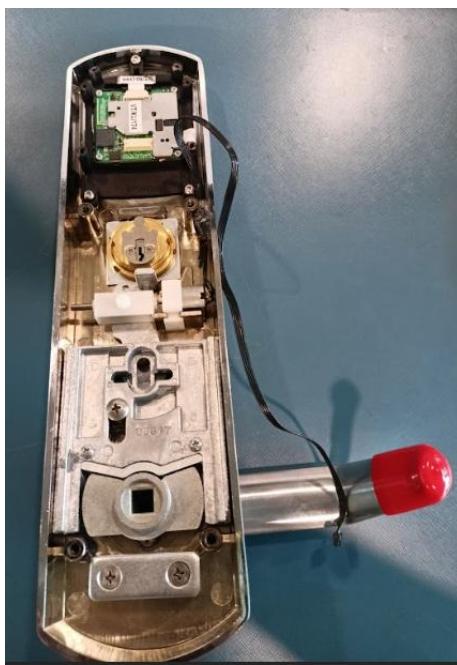
Internal images:

6EWS Lock

External images:
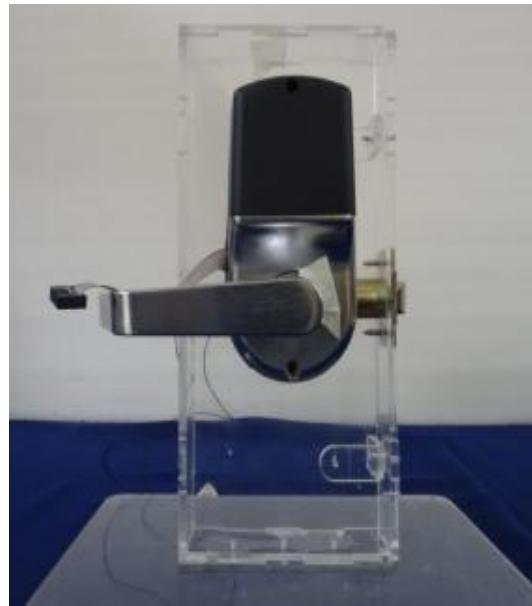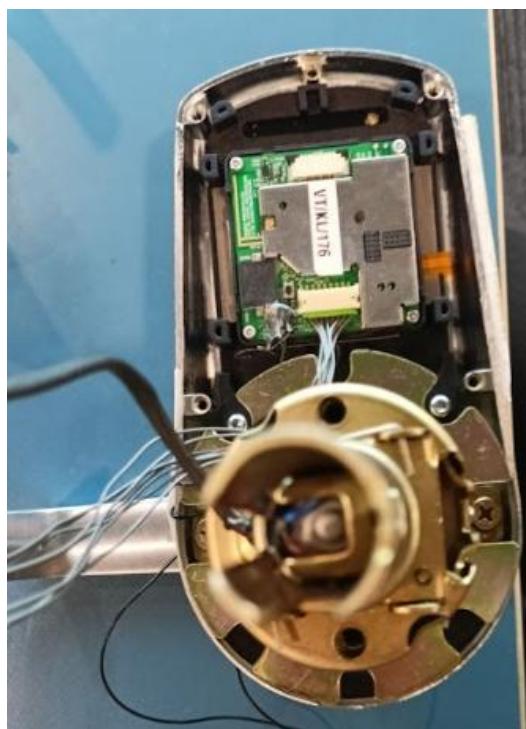
**Internal images:**

SDS Lock

External images:
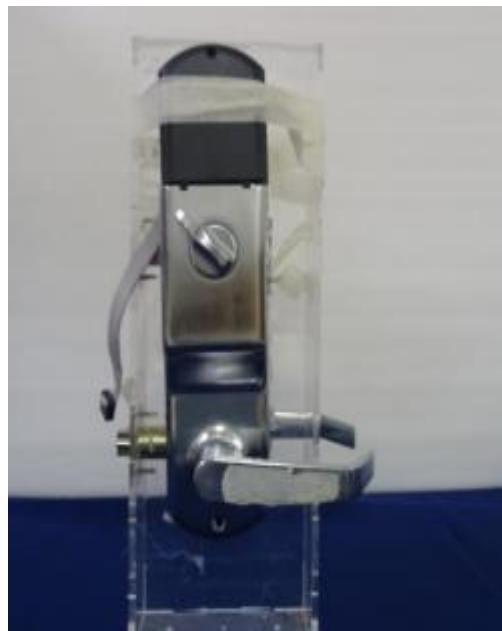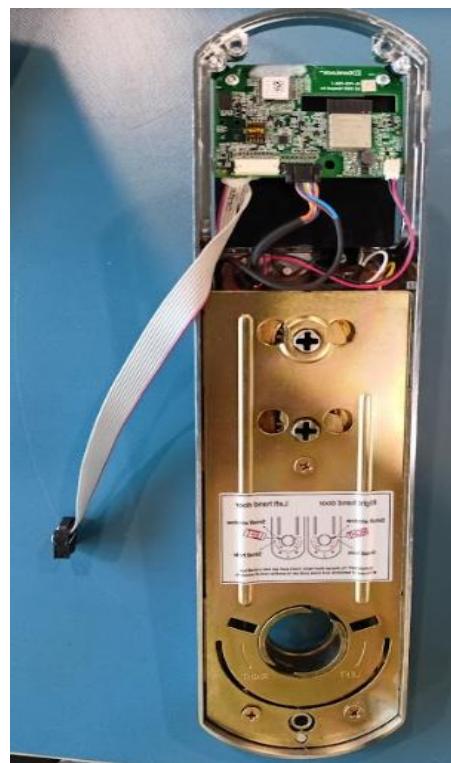
**Internal images:**

CLS Lock

External images:

Internal images:

KMS lock