



Digital cabinet lock

1,Product View



IC901



IC902



IC903



IC906



IC909



IC910



IC912



IC915



IC920

2,Product Features:

- 1,Secure control by level management;
- 2,Keypad with backlight for easy distinction;
- 3,Indicator blinks while in locked status;
- 4,Permanent code or one-time code convertible
- 5,Anti-thief Alarm(ATA) Buzzer alarms for 60s when latch be pressed or picked.
- 6,Illegal Key Alarm Buzzer alarms for 60s after 4 attempts with an illegal IC card.
- 7,Low-voltage Alarm Buzzer alarms when unlocking under the voltage DC4.2+/-0.2, notifies to replace new batteries.
- 8,External Power Backup A 9v battery is for emergent power supply when internal batteries in low voltage.

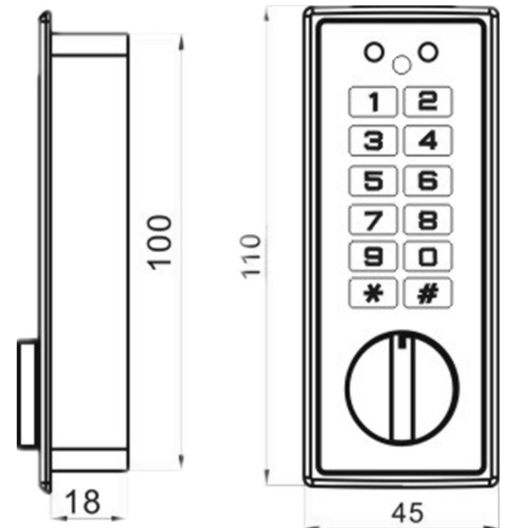
3,Technical Paramet

Model No	IC901/902	IC903	IC906	IC909/910	IC912/915	IC920
Master code/card	3 pcs	3 pcs	3 pcs	3 pcs	3 pcs	5 pcs
User code /card	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs
Static Current	≤20uA	≤20uA	≤20uA	≤25uA	≤25uA	≤25uA
Dynamic Current	≤200mA	≤200mA	≤200mA	≤200mA	≤200mA	≤200mA
Working Temperature	15°C~55°C	15°C~55°C	15°C~55°C	0°C~55°C	0°C~55°C	0°C~55°C
Working Humidity	RH20%~95%	RH20%~95%	RH20%~95%	RH20%~80%	RH20%~80%	RH20%~80%
Power supplier	4.5V/3AA batteries	4.5V/3AA batteries	4.5V/3AA batteries	4.5V/3AA batteries	4.5V/3AA batteries	4.5V/3AA batteries
Low Voltage	3.7V+/-0.2V	3.7V+/-0.2V	3.7V+/-0.2V	3.6V+/-0.2V	3.6V+/-0.2V	3.6V+/-0.2V
Power backup	9V battery	9V battery	9V battery	9V battery	9V battery	USB port
Life Time	>10,000	>10,000	>10,000	>10,000	>10,000	>10,000
Door Thickness	≥16mm(for wooden door) ≥0.6mm(for metal door)	≥15mm(for wooden door) ≥1mm(for metal door)	≥1mm	≥13mm	≥1mm	5-22mm

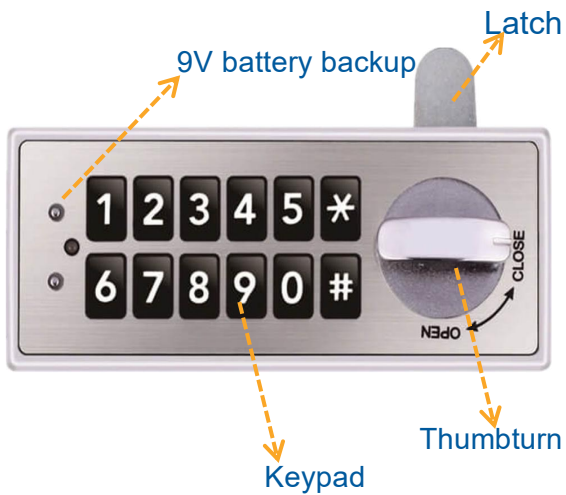
4,Details and Dimensions of Digital Cabinet Lock



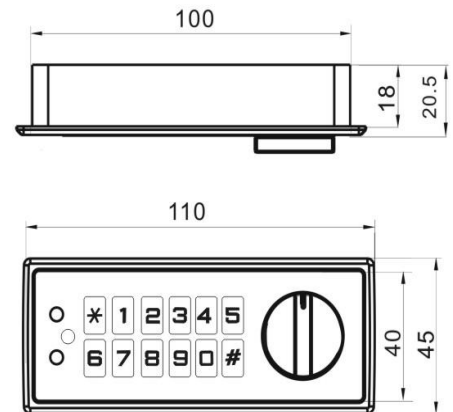
IC901



IC901 Dimension



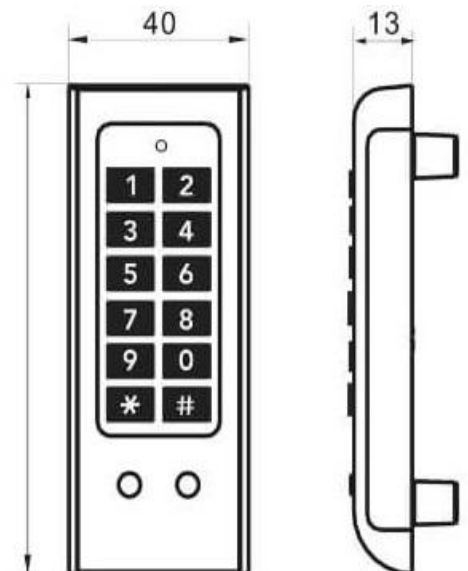
IC902



IC902 Dimension



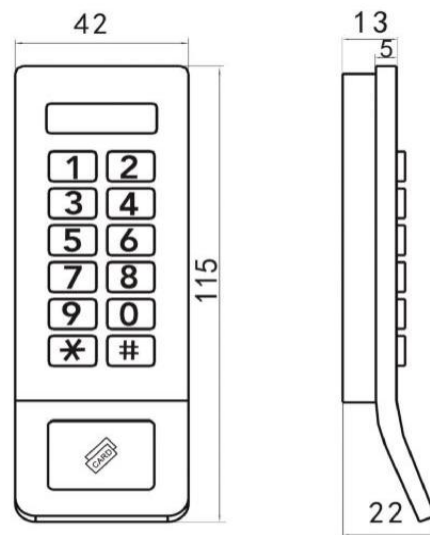
IC903



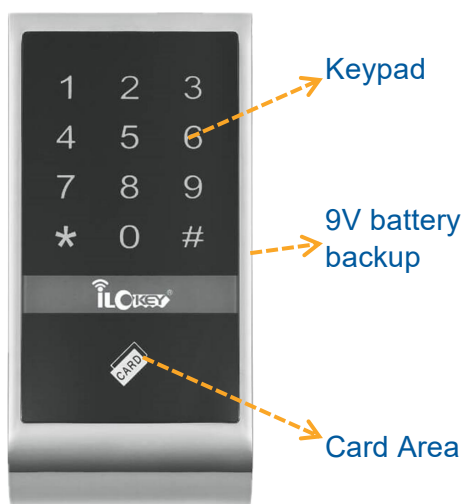
IC903 Dimension



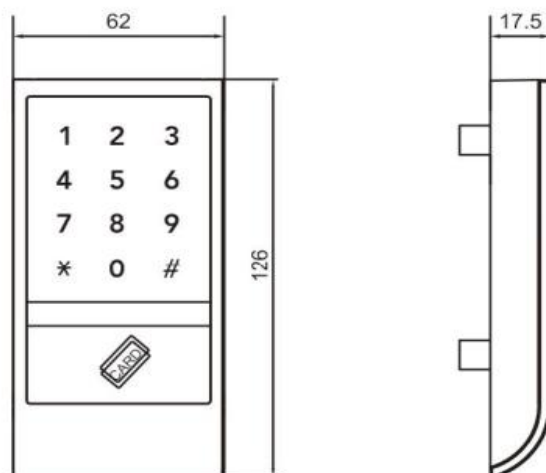
IC906



IC906 Dimension



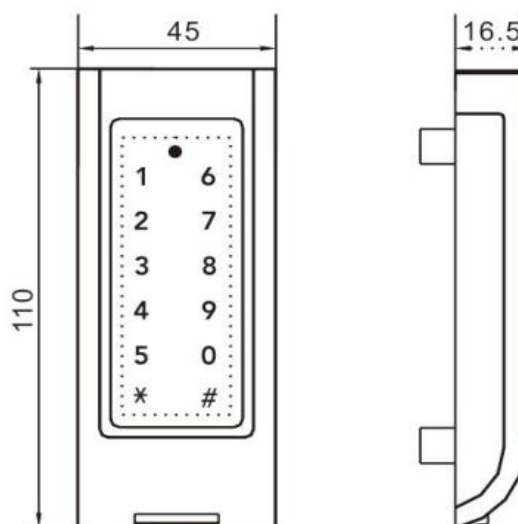
IC909



IC909 Dimension



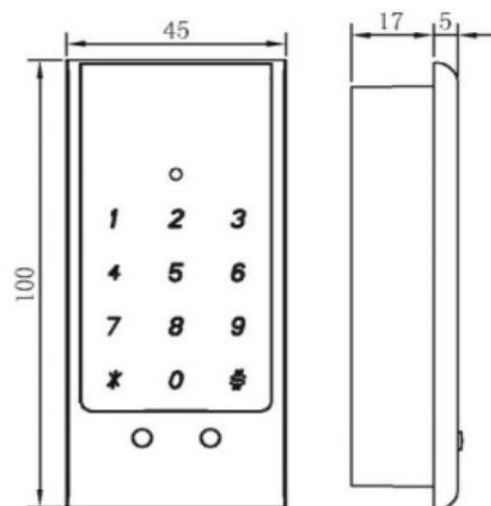
IC910



IC910 Dimension



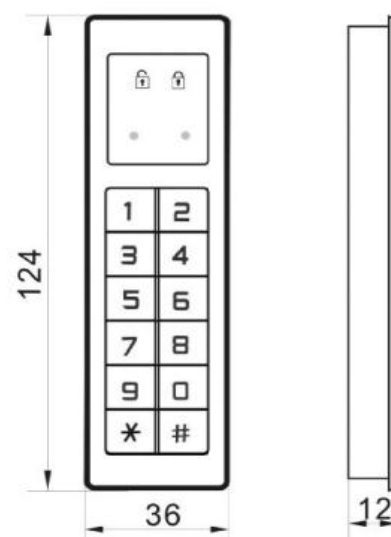
IC912



IC912 Dimension



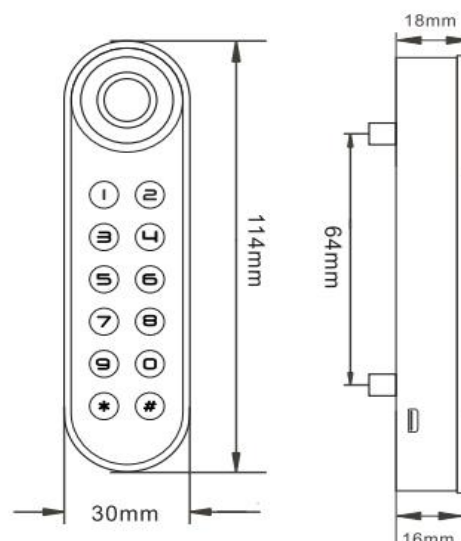
IC915



IC915 Dimension



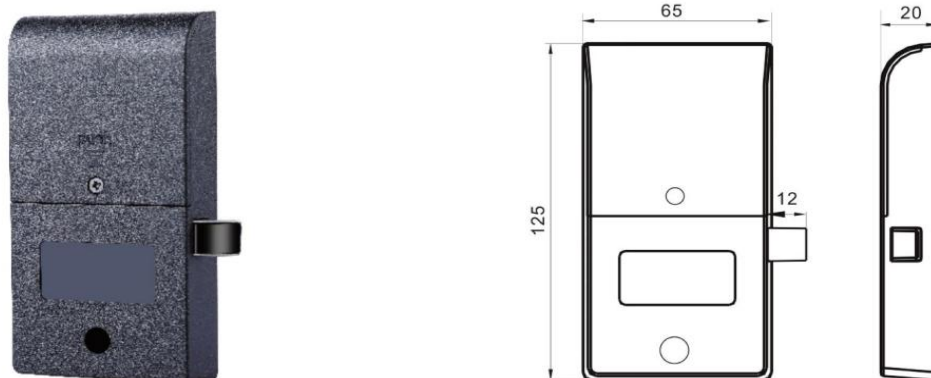
IC920



IC920 Dimension

5,Introduction of Real plate

Any of our front panels can match with below rear panel :



Latch mechanism operation reaches at least 350,000 times; mortor rotation operation reaches over 450,000 times; 800,000+ pcs of rear panels sold and used without any malfunction feedback since 2010. Defect rate is far less than 1/10000.



5.1 The Morto in the 3rd Generation Rear Panel

Mabuchi Motor

Reliable and rest

Powerful and Silent

Mabuchi Motor, powerful and strong, you can hear smooth operation sound when unlocking, it is from Mabuchi Motor.

2000 Rpm | **26dB**

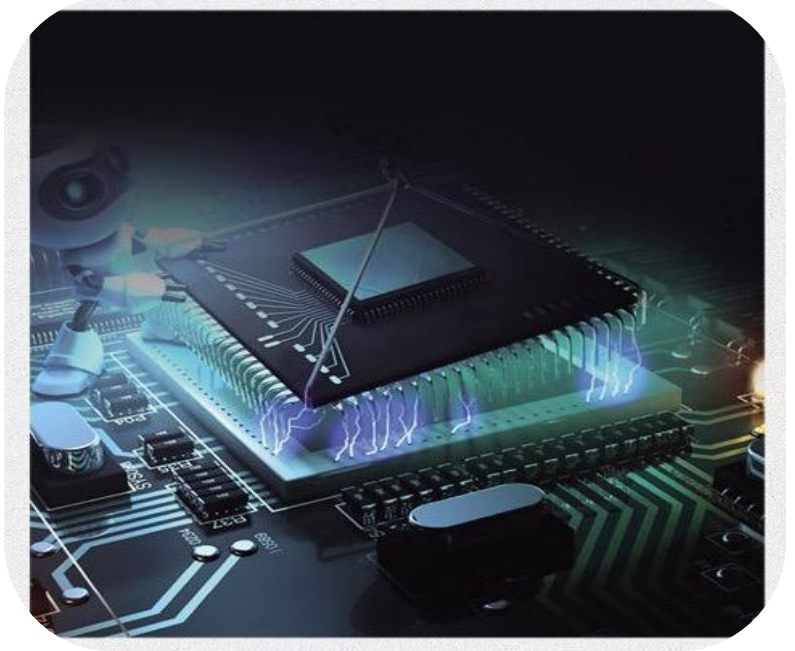
High speed | **Super silence**



Motor is the heart of the lock, Ilockey adopts Japan MABUCHI micro-motors which ensure 350,000 running times without problem, the malfunction rate is far less than 1/10000.

5.2 PCBA Quality Control:

If Motor is the heart of the lock, chip should be the brain of the lock, with the latest model of Philip chipset, the lock rate increase 30% of performance.
The malfunction rate is far less than 1/1000.
At mean time, It past the CE and FCC test.



5.3 Stainless steel latch



Stainless steel latch
Strong and durable

5.4 Brass insert screw nut

Brass screw nuts inside of the location hole make sure the front panel structure robust and reliable.



5.5 Different types of keys for option



An abundant unlocking key for the option, it is easy for your management and your clients holding.

6,Project for Reference:



Korean LG group office cabinet project



GYM center locker Lock project in Germany

7,How to operate the lock?

<https://www.youtube.com/watch?v=cqW3PEYaJrc>