Aqara Door Lock installation and commissioning

1. Installation conditions

The thickness of the Aqara door lock installation requirements between 40-120mm, standard factory thickness of 80-95mm, 40-45 need to replace the lock cylinder (lock head), the remaining door thickness you need to replace the screw kit; it can be adapted to the door Material for the security door, wooden door or copper door. The following doors need attention: (pattern design, ventilation doors, the width of more than 10CM).
2. Confirm door style / door type

<table>
<thead>
<tr>
<th></th>
<th>Double-door optional false lock</th>
<th>If the edge is a hexagon</th>
<th>Inner and outer door handle horizontal is more than 16cm</th>
<th>General / ordinary security</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Confirm the metal frame can accommodate the lock into it</td>
<td>If there is screw in the edge</td>
<td>Inner and outer door handle staggered more than 10cm</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Depth 9.5cm. Depth of the lock needs to be greater than 10cm</td>
<td>If not, you can not install</td>
<td>If there is, the cut is according to the length of the custom edge</td>
<td></td>
</tr>
</tbody>
</table>

大于 10cm
Greater than 10cm
3. Open direction

3.1 Door position

- Double locking point, the lock point is prevailed
- Inside the lock point custom stainless steel

- Can not cover the original hole, to be made of decorative nails
- Decorative nail thickness required (40-120cm)
When People stand outside Hinge on the right (two locks need to change direction around)

When People stand outside Hinge on the left (two locks need to change direction around)

3.2 Reversed handle with the lock for the commutation

3.2.1 Front Handle
Unscrew the handle inside the M6 hex screw to go down the handle turn 180 degrees loaded, re-screw the M6 socket head cap screws to complete the front panel handle change.

3.2.2 Back Handle

1) Remove the pressure plate and unscrew the M3 washer screw in the square tube.

2) Remove the circlip with the circlip clamp, remove the knob and turn the knob 180 degrees, and then remove the handle knob / circlip / square bar / M3 with washer / platen Reverse order installed,
3) In order to ensure that the rear handle lift function, as shown in the square bar to connect the triangle symbol and the handle must be the same direction.
4. Lock changeover - Latch reversal / orientation screw changeover

5. Pre-sales information collection

5.1 Door and edge parameters
门厚、锁体边条尺寸、锁体边条位置

需确认:
- A 锁体边条长度
- B 锁体边条宽度
- C 门厚
- D 锁体边条中心至门外沿距离
- 边条头的形状：直角、圆角
- 边条孔位：单孔、双孔

齿口/卡口防盗门,门厚需按D*2算

平口防盗门现有基本很少，都会带点小齿口
5.2 Door upper and lower pole

- 金属门都通常都可以装带天地钩的锁体；
- 尽量建议用户不装天地钩，影响消防安全，万一地杆掉下会很麻烦，尤其铜门，因为地杆重，距离远，自己焊接的天地钩稳定性不可靠；
- 王力门通常选择不带天地钩的锁体；
- 木门内部实心，必须选择不带天地钩的锁体；

能不挂，就不挂！
5.3 Lock body selection

6. Install tools

6.1 Wooden Door

<table>
<thead>
<tr>
<th>序号</th>
<th>工具名称</th>
<th>图片</th>
<th>数量</th>
<th>备注</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>博世打磨机</td>
<td><img src="image1.png" alt="image" /></td>
<td>1把</td>
<td>不一定用到</td>
</tr>
<tr>
<td>2</td>
<td>博世电钻</td>
<td><img src="image2.png" alt="image" /></td>
<td>1把</td>
<td>选择当地能买到更好的品牌</td>
</tr>
<tr>
<td>3</td>
<td>木门开孔器20-30mm-40mm（钻孔直径）</td>
<td><img src="image3.png" alt="image" /></td>
<td>各5个</td>
<td>买好点，博世或者日本进口开孔器</td>
</tr>
<tr>
<td>4</td>
<td>木门开孔器20mm-30mm</td>
<td><img src="image4.png" alt="image" /></td>
<td>各5个</td>
<td>买好点，博世或者日本进口开孔器</td>
</tr>
</tbody>
</table>

详情请看“安装工具清单（木门推荐）”
### Metal Door

#### 安装工具清单（铁门推荐）

<table>
<thead>
<tr>
<th>序号</th>
<th>工具名称</th>
<th>图片</th>
<th>数量</th>
<th>备注</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>钻孔用台钻机</td>
<td><img src="image1.png" alt="图片1" /></td>
<td>1把</td>
<td>或者当地能买到更好的品牌</td>
</tr>
<tr>
<td>2</td>
<td>钻孔手电钻</td>
<td><img src="image2.png" alt="图片2" /></td>
<td>1把</td>
<td>或者当地能买到更好的品牌</td>
</tr>
<tr>
<td>3</td>
<td>开孔器20-30mm-40mm (钻孔直径)</td>
<td><img src="image3.png" alt="图片3" /></td>
<td>各5个</td>
<td>须适用于，博士或者日本进口开孔器</td>
</tr>
<tr>
<td>4</td>
<td>高速钢麻花钻头 8mm-10mm-20mm-30mm</td>
<td><img src="image4.png" alt="图片4" /></td>
<td>各5个</td>
<td>须适用于，博士或者日本进口开孔器</td>
</tr>
</tbody>
</table>

详情请看安装工具清单铁门

### 7. Notice for Drill Hole

- 尽量按开孔图来开孔，切记随手欲
- 选择对应的开孔器
- 开孔器前端先钻后，防止打滑

开孔请注意安全，戴护目镜，不戴线手套
8. The choice of guided size

8.1 If the customer's door lock body standard is not 240 * 24mm, direct replacement of the guide piece (lock body panel), the company can directly customize most of the size customers need, 240 * 30mm, 280 * 24mm, 260 * 24mm, 300 * 24mm. Specific inventory size to the company notice shall prevail.

8.2 Special custom size, it is recommended to fill out the form, fill in the form according to the information returned to the company to customize, replace the lock body guide piece (lock body panel) as above.

As shown, three screws replace the guide.

8.3 Conventional with the door gusset plate, the basic general length of the guide within 30mm lock body, no need to be customized, if special, customized by the above customized way.

8.4 Differences between wooden door gusset plate and iron gate gusset plate:

Metal door: without hook as show below

Wooden door: with hook
9. Installation

- 方头弹片要卡到转动件上
- 方头上的“内”要朝把手里面
- 接线头需要对好，并不能把针头对歪
- 该螺钉一定是朝手把手
- 初始化按钮
- 门锁操作指引贴
- 两个固定螺钉需要安装在安装门锁
- 防撬开关需要压紧，锁紧螺丝，不然会报声音发出
- 安装前需要先装镜芯
- 应急电源 USB 接口下
- 打开镜芯盖的方式：镜芯盖的最下方压
10. Key

11. Product checklist after install requirements
   1) Overall level, no tilt, horizontal and vertical.
   2) Handle for lift and press, open and close door smoothly without block.
   3) Key locked and unlocked normally.
   4) Alarm prompt: the door is not closed good alarm, tamper alarm.
   5) Can be normally open settings.
   6) Can add or delete password fingerprint sensor card.
   7) Volume voice performing normally.
   8) Fill in the warranty card and follow the procedure
   9) Teach users all the lock operations and features need to be mentioned
   10) Teach customers use the keys correctly and remind them that they must keep a key outdoors, such as in a car.
12. What is in the box (Keep updating)

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>内盒</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>吊带</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>门把手</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>门把手</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>门把手</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>拉手螺丝（十字平头螺钉）</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>螺母平头螺钉</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>螺母平头螺钉（十字平头螺钉）</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>防盗锁芯</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>电池</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>说明书</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>机壳</td>
<td>3</td>
</tr>
<tr>
<td>13</td>
<td>说明书</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>开孔模板</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>电线</td>
<td>8</td>
</tr>
<tr>
<td>16</td>
<td>传感器</td>
<td>3</td>
</tr>
<tr>
<td>17</td>
<td>磁铁</td>
<td>1</td>
</tr>
</tbody>
</table>