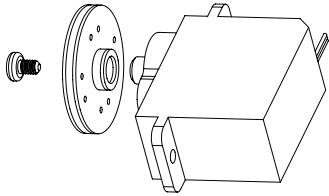
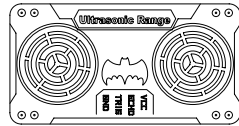


智能垃圾桶组装及使用说明

材料清单



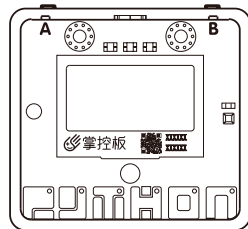
③① 舵机套件 X1



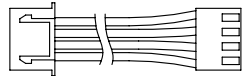
③② 超声波 X1



③③ 胶水 X1



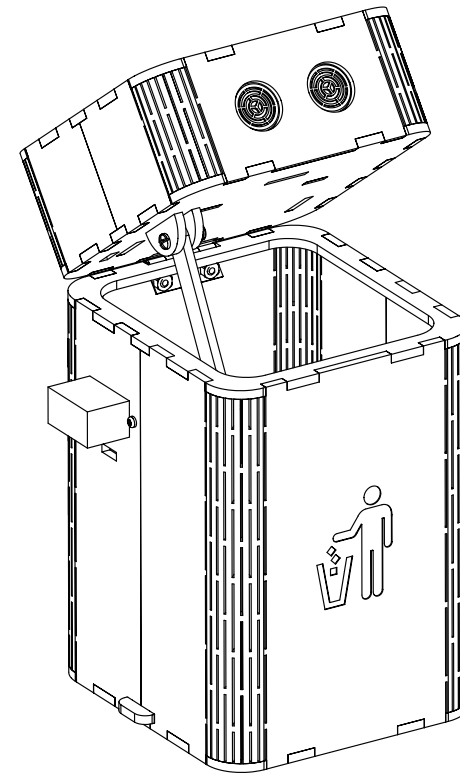
③④ 掌控+拓展板 X1 (自备)



③⑤ 连接线 X1



③⑥ 十字螺丝刀 X1

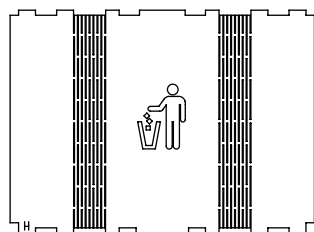


在 <https://www.labplus.cn/topics> 页面内找到搜索框，搜索“智能垃圾桶”，打开对应作品案例，查看演示视频并下载程序。下载程序为压缩包，解压后需仔细阅读《使用必读》后根据要求将程序载入掌控板。

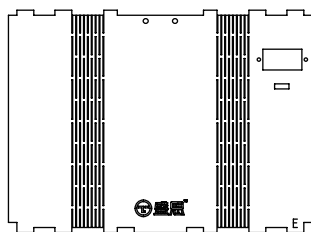
* 舵机接掌控拓展板 P0 接口，超声波传感器接掌控拓展板 I2C 接口。

材料清单

材料清单



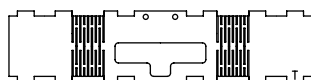
① H 板 X1



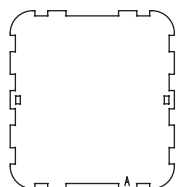
② E 板 X1



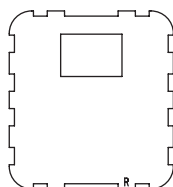
③ S 板 X1



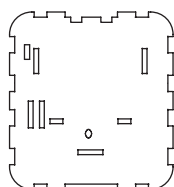
④ T 板 X1



⑤ A 板 X1



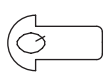
⑥ R 板 X1



⑦ O 板 X1



⑧ B 板 X2



⑨ Q 板 X1



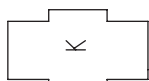
⑩ P 板 X2



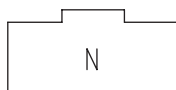
⑪ D 板 X1



⑫ C 板 X2



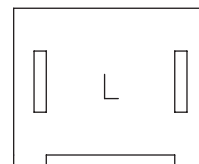
⑬ K 板 X2



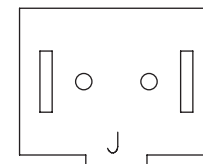
⑭ N 板 X2

材料清单

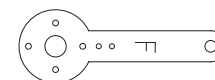
////////



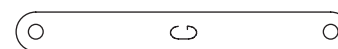
⑮ L 板 X1



⑯ J 板 X1



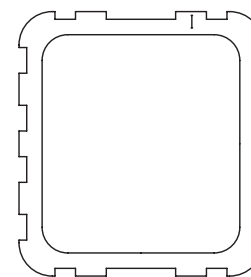
⑰ F 板 X1



⑱ G 板 X1



⑲ M 板 X1



⑳ I 板 X1



㉑ M2 螺母 X2



㉒ M3 螺母 X4



㉓ M3 防滑螺母 X2



㉔ ST1.4X5mm 螺丝 X4



㉕ M2X10mm 螺丝 X2



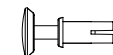
㉖ M3X6mm 螺丝 X4



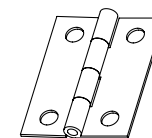
㉗ M3X12mm 螺丝 X2



㉘ 铆钉 S4060 X2



㉙ 铆钉 S4080 X2

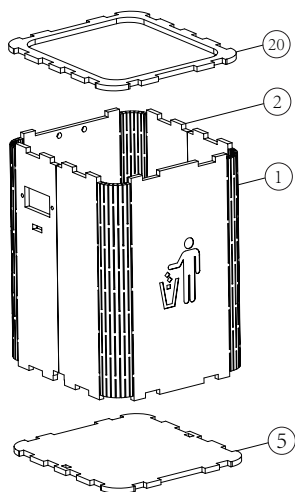


㉚ 合叶 X1

组装说明

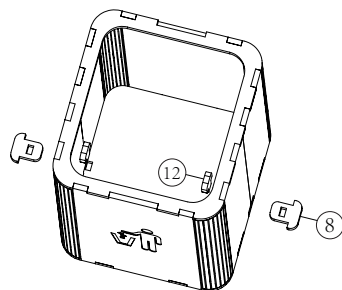
① >>>>>>>>>>

A 板 X1
H 板 X1
E 板 X1
I 板 X1



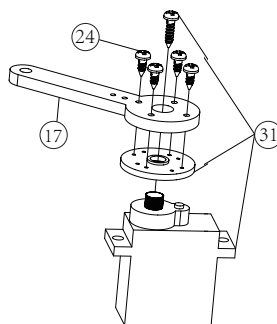
② >>>>>>>>>>

B 板 X2
C 板 X2



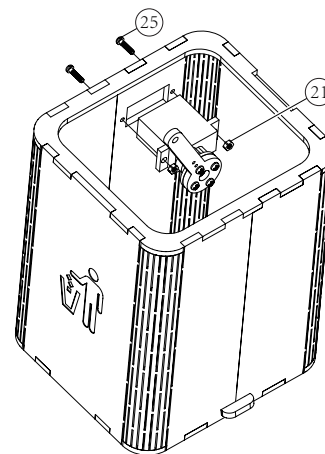
③ >>>>>>>>>>

F 板 X1
舵机套件 X1
ST1.4X5mm 螺丝 X4



④ >>>>>>>>>>

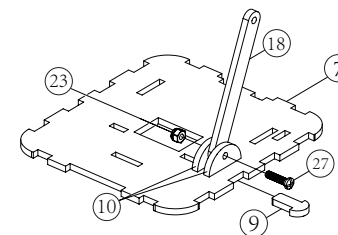
M2 螺母 X2
M2X10mm 螺丝 X2



组装前需测试舵机连接 F 板后
可 6 点至 12 点钟方向转动

⑤ >>>>>>>>>>

G 板 X1
O 板 X1
P 板 X2
Q 板 X1
M3X12mm 螺丝 X1
M3 防滑螺母 X1

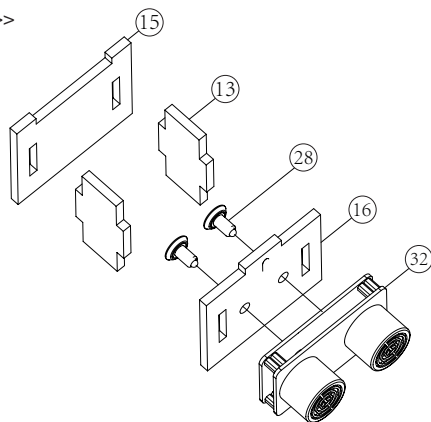


组装说明



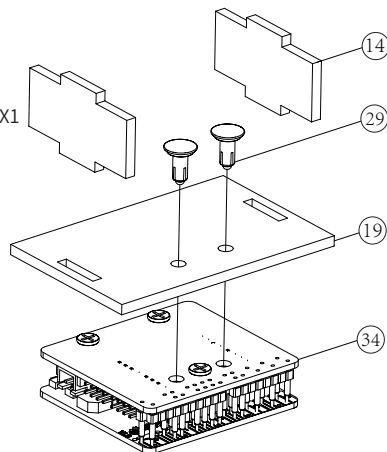
⑥ >>>>>>>>>>

J 板 X1
K 板 X1
L 板 X1
铆钉 S4060 X4
超声波 X1



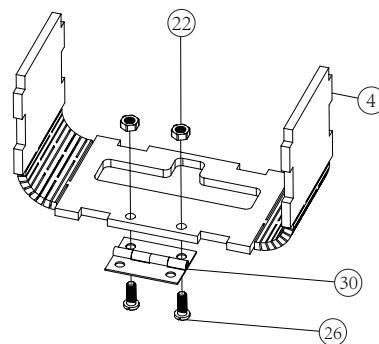
⑦ >>>>>>>>>>

N 板 X2
M 板 X1
S4080 铆钉 X2
掌控 + 拓展板 X1



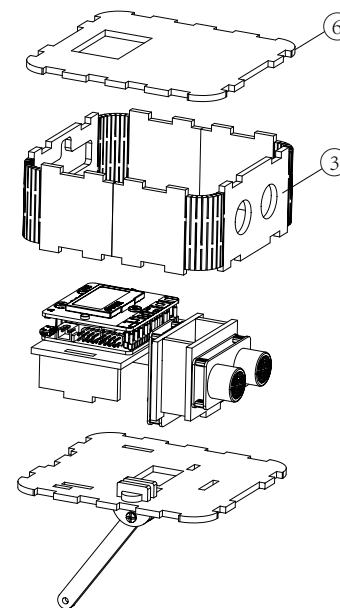
⑧ >>>>>>>>>>

T 板 X2
合叶 X1
M3 螺母 X2
M3X6mm 螺丝 X2



⑨ >>>>>>>>>>

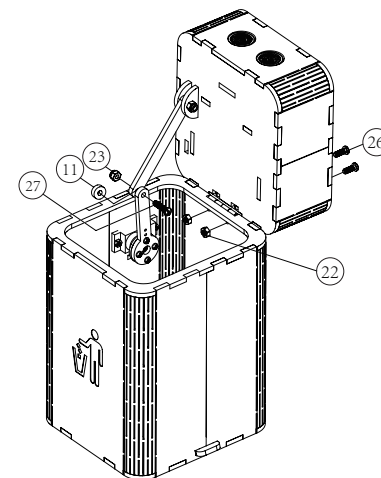
R 板 X1
S 板 X1



组装前先将舵机、超声波接入掌
控拓展板，载入程序测试

⑩ >>>>>>>>>>

M3X6mm 螺丝 X2
M3X12mm 螺丝 X1
M3 防滑螺母 X1
M3 螺母 X2
D 板 X1



舵机转动角度需配合程序调试，确
保闭合时桶盖刚好关闭，打开时张
开角度足够大