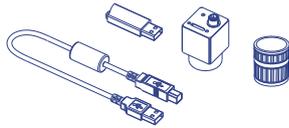


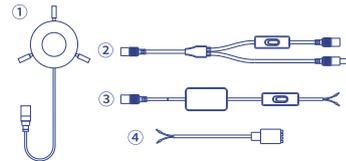
# 机器人视觉套件

- 工业相机镜头 x1
- 工业相机 x1
- USB连接线 x1
- 加密狗 x1



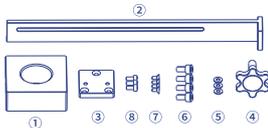
## 相机光源套件

- ① 光源 x1
- ② Magician光源开关 x1
- ③ M1光源开关 x1
- ④ 转接线 x1



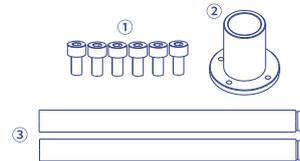
## 相机安装套件

- ① 相机支架(1) x1
- ② 相机支架(2) x1
- ③ 相机安装板 x1
- ④ M6\*20 手拧螺丝 x1
- ⑤ 3mm普通垫片 x3
- ⑥ M4\*10圆柱头六角螺丝 x4
- ⑦ M3\*8沉头内六角螺丝 x4
- ⑧ M3\*6圆柱头内六角螺丝 x3



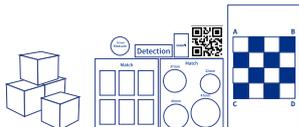
## 延长杆套件

- ① M4\*10圆柱头六角螺丝 x6
- ② 延长杆法兰支座 x1
- ③ 延长杆 x2



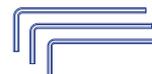
## 附件

- ① Demo物料包
- ② 积木块 x16
- ③ 黑白格标定板 x1



## 工具包

- ① 2mm内六角扳手 x1
- ② 2.5mm内六角扳手 x1
- ③ 3mm内六角扳手 x1



## 固定底板 x1

板长:608\*220mm

M1工作区域: 140\*195 mm

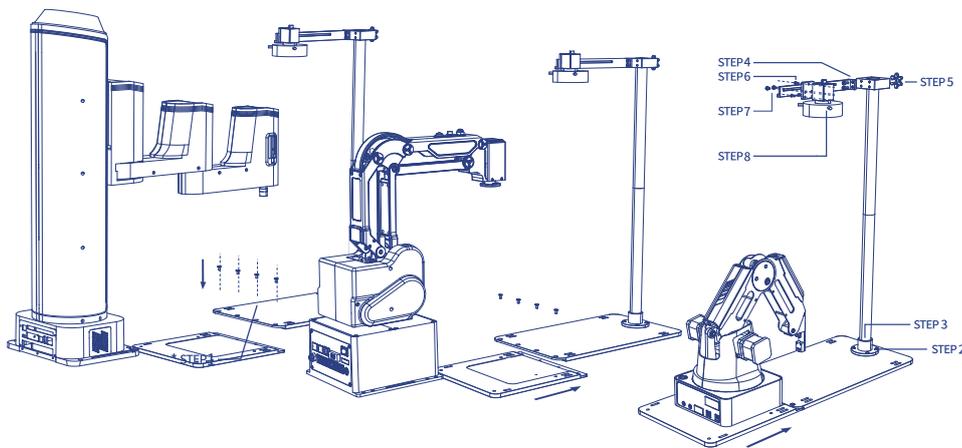
MG400工作区域:130\*195mm

Magician工作区域:120\*195mm

备注:M4\*8沉头内六角螺丝 x5

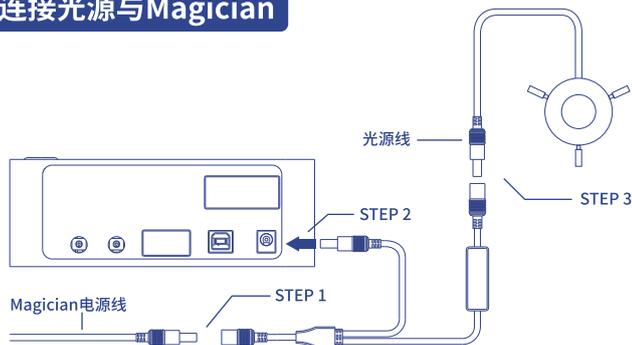


## 组装说明:



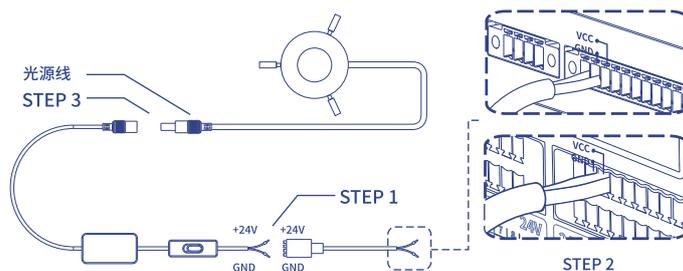
- STEP 1 用4颗M4\*8的沉头螺钉将支架底板和安装底板连接。
- STEP 2 用4颗M4\*10螺钉将摄像头支架法兰固定在支架底板上, 支架底板带丝印的面朝上。
- STEP 3 将相机支撑杆安装到法兰上
- STEP 4 采用两颗M4\*10的杯头内六角螺丝组装相机支架(1)和相机支架(2)。
- STEP 5 采用手拧螺丝将相机支架(1)固定在延长杆上。
- STEP 6 采用三颗M3\*8的沉头内六角螺丝将相机固定在相机安装板上。
- STEP 7 采用两颗M3\*6的杯头内六角螺丝和2个3mm垫片将带相机的相机安装板固定在相机支架(2)上。
- STEP 8 将相机光源安装在工业相机镜头上, 并拧紧光源上的三个固定旋钮。

## 连接光源与Magician



- STEP 1. 将Maigician光源开关与Maigician适配器连接。
- STEP 2. 将Maigician光源开关与Maigician电源接口连接。
- STEP 3. 将Maigician光源开关与光源连接。

## 连接光源与M1和MG400

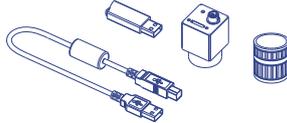


注意:若需拔出线缆,需按下接口对应的黄色按钮同时拔出线缆。

- STEP 1. 将转接线与M1光源开关连接。红色接口为24V电源接口, 黑色为GND接口。
- STEP 2. 将转接线连接到M1/MG400底座I/O接口上。
- STEP 3. 将M1光源开关连接到光源。

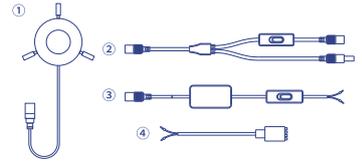
# Dobot Vision Kit

- Industrial Camera Lens x1
- Industrial Camera x1
- USB Cable x1
- Dongle x1



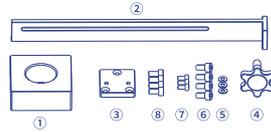
## Camera Light Kit

- ① Camera light source x1
- ② Magician light source switch x1
- ③ M1 light source switch x1
- ④ Adapter cable x1



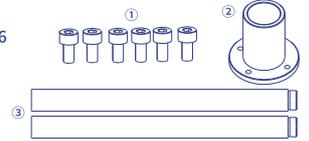
## Camera Mounting Kit

- ① Camera Support (1) x1
- ② Camera Support (2) x1
- ③ Camera Mounting Plate x1
- ④ M6\*20 Thumb Screw x1
- ⑤ 3mm Washer x3
- ⑥ M4\*10 Hexagon Socket Button Head Screw x4
- ⑦ M3\*8 Hexagon Socket Countersunk Head Screw x4
- ⑧ M3\*6 Hexagon Socket Button Head Cap Screw x3



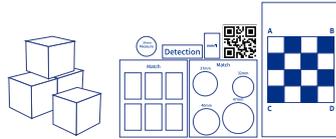
## Extension pole kit

- ① M4\*10 Hexagon Socket Button Head Screw x6
- ② Flange Support of Extension Pole x1
- ③ Extension Pole x2



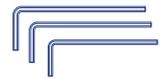
## Attachment

- ① Demo Supplies
- ② Block x16
- ③ Calibration Board with Black and White Grids x1



## Tool Package

- ① 2mm Allen Wrench x1
- ② 2.5mm Allen Wrench x1
- ③ 3mm Allen Wrench x1



## Camera Plate x1

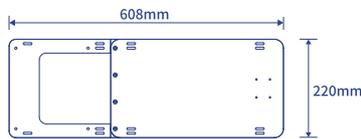
Size: 608\*220mm

M1Workspace: 140\*195mm

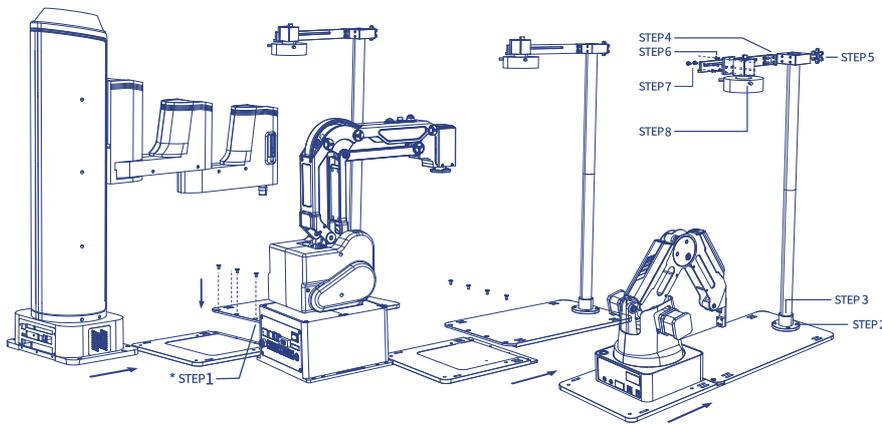
MG400Workspace: 130\*195mm

MagicianWorkspace: 120\*195mm

Note: M4\*8 Hexagon Socket Head Cap Screw x5



## Assembly Description:



**STEP 1** Connect the bracket base to the installation base using four M4\*8 countersunk head screws.

**STEP 2** Fix the camera flange to the bracket base using M4\*10 screws, with the silkscreen side facing upwards.

**STEP 3** Install the camera support rod to the flange.

**STEP 4** Assemble camera support (1) and camera support (2) with two M4\*10 hexagon socket head cap screws.

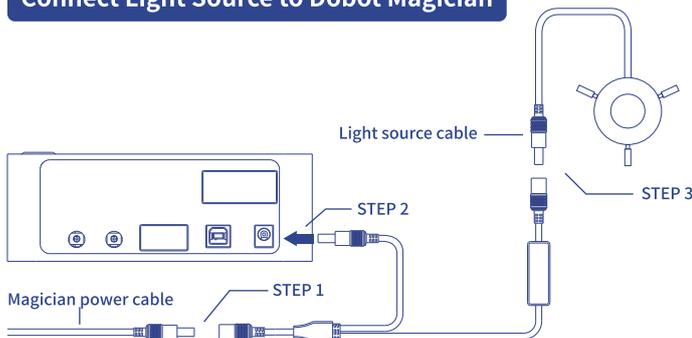
**STEP 5** Mount the camera support (1) on the extension pole with thumb screw.

**STEP 6** Fix the camera to the camera mounting plate with three M3\*8 hexagon socket countersunk head screws.

**STEP 7** Fix the camera mounting plate to the camera support (2) with two M3\*6 hexagon socket head cap screws and two washers.

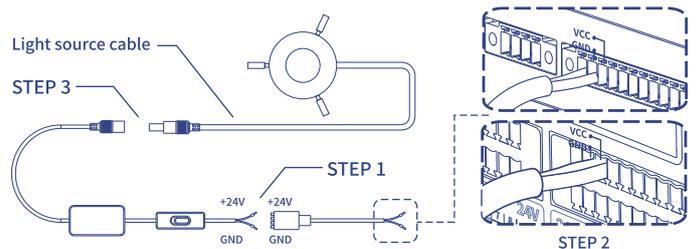
**STEP 8** Mount the light source on the camera with three fixing knobs.

## Connect Light Source to Dobot Magician



- STEP 1. Connect Magician light source switch to the power adapter of Dobot Magician.
- STEP 2. Connect Magician light source switch to the power interface of Dobot Magician.
- STEP 3. Connect Magician light source switch to light source.

## Connect Light Source to Dobot M1和MG400



Note: If you want to remove cable, please press down the yellow button of interface and remove cable.

- STEP 1. Connect adapter cable to M1 light source switch, the red interfaces are 24V power interfaces, the black interfaces are GND interfaces.
- STEP 2. Connect adapter cable to I/O interface on the base of Dobot M1/MG400.
- STEP 3. Connect M1 light source switch to light source.