**机器人物料清单/** **Robot BOM**

表 1 机器人标准件

Table 1 Robot standard parts

|  |  |  |
| --- | --- | --- |
| 零件 | 数量 | 规格 |
| Arduino  ESP8266 | 1 | Nano |
| 1 | D1 mini |
| Raspberry Pi | 1 | 3B |
| 电机驱动 Motor driver | 3 | A4988 |
| 继电器Relay | 2 | 10A |
| 电源 Power | 1 | NES-350-24 |
| 稳压模块 Stabilizer | 2 | LM2596 |
| 相机 Camera | 1 | H5D-00013 |
| 步进电机 Stepper motor | 3 | D8411-01 |
| 同步带Timing belt |  | gt2-6 |
| 同步带轮Pulley | 3 | gt2-6 |
| 橡胶轮 Rubber wheel | 16 | 6mm |
| 丝杆Screw | 1 | T8-1500 |
| 丝杆螺母 Screw nut | 1 | T8 |
| 泵 Pump Motor | 2 | PYP370 |
| 橡胶管 Rubber catheter |  | 8mm |
| 铝型材Aluminum profile |  | 2020 |
| 角铝Angle aluminum |  | 20 |
| 螺钉/螺母 Screw/nut |  | M6/M5/M4 |

表 2 机器人定制件

Table 2 Robot customized parts

|  |  |  |
| --- | --- | --- |
| 零件 | 数量 | 规格 |
| 泵固定座Pump mount | 2 |  |
| 钣金件Sheet metal parts |  | 5mm |
| 印制电路板PCB board | 1 |  |