



# Assembly guide:

## Vision



Version 1.0

Date: 26-7-2024



## Revision:

REV	Date	Description
1	26-7-2024	First release



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## 1: Introduction

Instructions on how to use the robot arm Miko-1 and the tools can be found in the manual of the Miko-1 robot arm. This manual is not ready at the time of this document's release. Using the robot before you have read the Miko-1 manual is at your own risk.

To ensure the safe operation of the robot arm, you need to have sufficient knowledge of electronics. If you are unsure how to proceed, please do not attempt it and ask a professional.

All measurements in this document are in millimeters (mm) or specified otherwise.

**This document is not finished, we share it so you can start buying the parts needed.**



## 2: BOM

In this chapter, you will find all the parts that you need to buy for the vision add on. If you see any mistakes or have any questions, you can email us at [info@mikobots.com](mailto:info@mikobots.com) or ask the question in the Discord server. We have tried to provide a link to a shop for each component, but these links could change or become invalid. We will try to update the links regularly.

Please remember that you are solely responsible for ensuring the parts meet the safety requirements for your country.

If you don't want to source the components yourself, you can buy one of our kits. The kits will be available on our web shop in September/October 2024.

Before ordering the parts, it's recommended to first read the whole document.



## Bill of materials (BOM)

**Name** Vision  
**Revision** 000  
**Date** 23-7-2024

### Electronics

Name	QTY.	Description	shop
ELECTRONICS_012	1	ESP32 Camera module	<a href="#">Link</a>
ELECTRONICS_017	1	Micro usb cable 0,5m	

### Fasteners

Name	QTY.	Description	shop
DIN 912 M3x25	2	Hexagon socket Head Cap Screws M3x25	
ISO 4032 M3	2	Hexagon regular nut M3	

### Important note

It is your own responsibility to ensure that the components meet the safety requirements in your country.