



# IR Scanner Kit (120°)

SKU: KIT0019 Brand: DFRobot



## INTRODUCTION

An IR sensor with scan capability is a must have feature for most robot application. This IR scanner kit provides a cost effective way to have such feature for your robot application. This kit is able to scan upto 120 degree area with 10-80 cm detecting range. The plannar resolution is about 30 degrees.

## SPECIFICATION

- Operating voltage:5V(IR) 4.8-6V(Servo)
- IR Range: 10-80 cm(3.94"-31.50")
- Scan Degree:120 degrees
- Scan Speed: 0.17 seconds / 60 degrees (4.8V); 0.4 sec / 60 degrees (6.0V)

## SHIPPING LIST

- Sharp GP2Y0A21 Distance Sensor (10-80cm/3.94"-31.50")
- Sharp IR Sensor Mounting Bracket-GP2Y0A21/GP2Y0A02YK
- DF05BB Standard Servo (5kg)