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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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)