



Specifications- Robot Machine Vision Kit



Introduction

The Robot Vision Kit provides a basic set of hardware platform for robot vision system development. You can set up the vision kit with Dobot Magician and start to learn how to integrate vision system with robot automation system. With the system, you can also do researches on vision, artificial intelligence algorithm-simulation, or develop vision based industrial applications.

Apart for the examples of basic robot vision application software, the source code to learn robot-related software development is also provided. The supplied demo project includes two parts: robot calibration and colour based sorting.

Items included

HD Colour Industrial Camera- An industrial grade camera forms a backbone of any machine vision system.

White auxiliary light source & Focus Lens- Both are perfectly matched to the camera.

Item	Property	Value
Camera	Effective Pixel	3 million
	Hue	Color
	Frame Rate/Resolution	12 @2048×1536
Light Source	Luminous Color	White
	Illumination	40000 lux
	Brightness	Continuously Adjustable (Range:0~100%),Color Temperature Constant
Focus Lens	Focal length	16mm
	Aperture	F1.4-F16C
	Focus Point	0.3m-Inf