

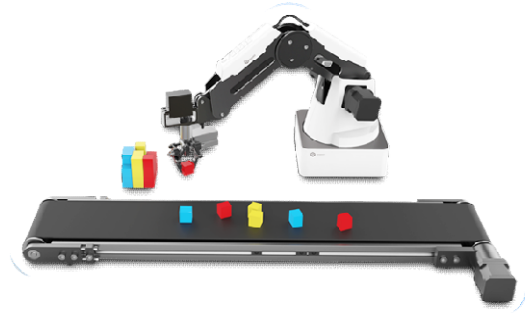


Specifications- Conveyor Belt Kit

Introduction

The Conveyor belt kit when used along with the Dobot Magician form a simplest mini industrial production line.

A complete production line simulation is possible. Conveyor belt with adjustable speed, distance and colour sensor, combined with the powerful and programmable Dobot Magician, these are the ideal essentials for you to create a highly effective simulated production line, or even to apply to actual factory scenes.



This conveyor is integrated with the Robotic Innovation Lab from IntegrityRobotics.

Items included

Conveyor belt- Mini conveyor belt is a great component for building an automation process with you robot.

Photoelectric switch- Detect whether there are objects in front of the photoelectric switch.

Color sensor- An easy-to-use color sensor to categorize red, blue and green objects.

Wood blocks- These colorful wooden cubes are easy to grab, move and pile, the ideal material to get a grip of automation process.

A lot more sensors can be added.

Item	Property	Value
Conveyor	Payload	500g
	Effective delivering distance	600mm
	Maximum speed	120mm/s
	Maximum acceleration	1100mm/s ²
	Net Weight	4.2kg
	Weight (including packing)	5.34kg
	Dimension	700mm × 215mm × 60mm
Photoelectric switch	Measurable range	20 ~ 150mm
	Signal	Analog Output
	Input	4.5 - 5.5V
Colour sensor	Input	20 ~ 150mm
	Detectable: non-glowing object	
	Embedded controllable white LED	