

Product Specifications

Product Name		Magician E6
Weight		7.2 kg
DoF		6
Maximum Load		750 g
Maximum Reach		450 mm
Repeatability		± 0.1 mm
Maximum End-Effector Velocity		0.5 m/s
Range of Motion	J1	± 360°
	J2	± 135°
	J3	± 154°
	J4	± 160°
	J5	± 173°
	J6	± 360°
Maximum Individual Axis Velocity		120° /s
Power Input		100V ~ 240V AC, 50/60 Hz
Rated Voltage		48V DC, 5A
Rated Power		130W
Communication Interface	Ethernet	2 for TCP/IP and Modbus TCP communication
	USB	1 for wireless communication
I/O Interface	End-Effector	DI x 2, DO x 2, 24V x 1, GND x 1
	Base	DI x 16, DO x 16, 24V x 4, GND x 4
I/O Output		24V, total output 2A, 0.5A max. per channel
External Interface		Emergency stop switch x 1, ABZ encoder interface x 1, power interface x 1
Control Software		DobotStudio Pro
IP Rating		IP20
Base Dimensions		162 mm x 120 mm x 103mm
Working Environment		Temperature: 0-40°C; Humidity: 25-85%, non-condensing
Noise		60 dB(A)
Installation		Floor mount or side mount
Materials		Aluminum alloy, ABS plastic

* Product specifications and technical data are subject to change without further notice.

