

Robotic Arm

Payload	3kg	
Radius	624mm	
Accuracy	±0.02mm	
Axis	6	
Joints rotation	J1-J6	±360°
	J1-J2	190°/s
Joints speed	J3	190°/s
	J4-J6	260°/s
	Typical TCP Speed	1.5 m/s
IP rating	IP54	
Temperature range	-10~50°C	
Relative humidity	5%~95% (non-condensing)	
Noise reduction	<70db	
Typical power usage	185w	
Mounting	Any angle	
Tool I/O connector	12 pin	
Tool I/O ports	2 DI, 2 DO; 1 AI, 1 AO	
Tool I/O power supply	24V / 2A	
Tool I/O communication	RS485, Modbus RTU	
Footprint	Ø 128 mm	
Weight	13kg	
Material	Aluminum, steel, plastic, rubber	
Cable length	5.5m*	
Certifications	ISO 10218; RoHS-1; UL, CE, CR, KCs	
Programming	LUA-script, free-drag/offline programming	

* Optional cable lengths of 1.5m, 3m and 8m are available.



Elite Robots' entry-level cobot stands out for its accuracy, light weight, and small footprint. Install it anywhere effortlessly, mounted on a table or integrated into a line, and let it perform your assembly, handling and other tasks.

Standard controller

Type	AC / DC
I/O ports	16 x DI, 20 x DO, 2 x AI, 4 x AO
I/O power supply	24V/2A
Communication	RS485/RS232, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
Size	505mm x 246mm x 447mm
IP Rating	IP44
Weight	15kg
Power source	90-264VAC, 50-60Hz / 19-72VDC
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminum, Steel



Standard AC/DC controller with 16 DI / 16 DO. Ethernet/IP / Profinet slave with Modbus TCP/RTU interface

Mini controller

Type	DC
I/O ports	8 x DI, 8 x DO
I/O power supply	24V/2A
Communication	RS485, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
Size	205mm x 135mm x 40mm
IP Rating	IP40
Weight	1.2kg
Power source	45-55VDC
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminum



Optional OEM "Mini" DC controller for integrators, OEM partners and users who want to create their own custom design.

Teach Pendant ERP300

Size	290mm x 225mm x 118mm
Screen size	8"
Resolution	800 x 600 pixels
IP rating	IP54
Weight	1.2kg
Cable length	5.5 m
Temperature range	0~50°C
Relative humidity	5%~95% (non-condensing)
Material	Aluminium, plastic, rubber
Input method	Resistive touch-screen, 3-mode enable key



Industrial teach-pendant with 3-modes enable key for safe and convenient on-site operations. 8" touch-screen.

