



Robotic Arm

Payload	4kg	
Radius	1900mm	
Accuracy	±0.1mm	
Axis	6	
Joints rotation	J1-J6	±360°
	J1-J2	120°/s
Joints speed	J3	150°/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	350w	
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 200 mm	
Weight	33.5kg	
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.



With a leading radius of 1900cm, EC64 is the robot with the longest reach in the entire Elite Robots range and perfect for effortlessly performing 2D and 3D inspection and measurement tasks of large components.

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	17kg
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.