EC 63

ELITE ROBOTS

Robotic Arm

Degrees of freedom		6
Weight		13kg
Payload		3kg
Working radius		624mm
Repeatability		±0.03mm
Joints range		±360°
Max joints speed	Joint 1	144°/s
	Joint 2	144°/s
	Joint 3	180°/s
	Joint 4	224°/s
	Joint 5	224°/s
	Joint 6	224°/s
TCP speed *		2.0 m/s
IP rating		IP54
Ambient temperature		0-50 ℃
Relative humidity		5% ~ 95% (No Condensation)
Power consumption		150w
Mounting		Any angle
Tool I/O		2 x DI, 2 x DO, 1 x AI, 1 x AO
Tool I/O power supply		24 V, 2A (two pin mode), 1A (one pin mode)
Tool communication		RS485
Footprint		Ø 128 mm
Cable length		5.5m
Power supply		48V

* *Maximum TCP speed*

Controller

Cabinet size (W x H x L)	ERB: 478 x 380 x 120 mm
	ERB2: 505 x 448 x 245 mm
Weight	15 kg
Material	Aluminum, Steel
IP rating	ERB IP20
	ERB2 IP44
I/O interface	16 x DI, 16 x DO, 2 x AI, 4 x AO
I/O power supply	Voltage: 24V; Current: 2A (internal power)
Communication	1 Ethernet port*, 1 RS485/RS232, TCP/IP, MODBUS TCP/RTU, EtherNet/IP*, Profinet, CCLink
Power supply	100-240 VAC, 50-60 Hz
Ambient temperature	0-50 ℃
Relative humidity	5% ~ 95% (No Condensation)
Programming method	JBI, free drag programming, offline programming, LUA-script

Teach Pendant

Screen display size	12.1"
Resolution	1280 x 800 pixels
Material	Aluminum, Plastic
Weight	1.8 kg
Cable length	5.5 m
IP rating	IP65
Ambient temperature	0-50 ℃
Relative humidity	5% ~ 95% (No Condensation)

Contact

Shanghai Elite Robots Co., Ltd.
Xuelin Road 36
201210, Shanghai
China

www.elite-robotics.com
contact@elibot.com