

CR7 COLLABORATIVE ROBOT

Allround Multitasker that is Easy to Use

The CR7 can be programmed via graphical user interface and drag to teach, simplifying deployment process and lowers the barrier to automation. The CR7 can effortlessly handle loading and unloading, polishing, assembly, gluing tasks for end users in the consumer electronics, automotive, home appliance and retail industries.

Weight		24.5 kg
Maximum Payload		7 kg
Working Radius		800 mm
Maximum Reach		990 mm
Rated Voltage		DC48V
Maximum Speed of TCP		3 m/s
Range of Motion	J1	±360°
	J2	±360°
	J3	±160°
	J4	±360°
	J5	±360°
	J6	±360°
Maximum Joint Speed	J1/J2	180° /s
	J3/J4/J5/J6	180° /s
End-Effector I/O Interface	DI/DO/AI	2
	AO	0
Communication Interface	Communication	RS485
Controller I/O	DI	16
	DO/DI	16
	AI/AO	2
	ABZ Incremental Encoder	1
Repeatability		±0.02 mm
Communication		TCP/IP, Modbus, Wi-Fi
IP Rating		IP54, Control Box IP20 (IP66 available upon choice)
Temperature		0° ~ 45° C
Power Consumption		150W
Materials		Aluminum alloy, ABS plastic



APPLICATION SCENARIOS

- Welding
- Loading and unloading
- Assembly
- Bin Picking
- Gluing
- Polishing
- Quality Inspection
- Screwdriving
- Transporting

CR7 COLLABORATIVE ROBOT

