

# CR10 COLLABORATIVE ROBOT

## Reliable Cobot with Wide Working Radius

The CR10 has a maximum reach of 1525 mm and max operating speed of 4 m/s. With DH parameters compensation technology and vibration suppression algorithm, CR10 is highly reliable when operating at high speed, and is ideal for palletizing, unpacking, transportation, loading and unloading tasks.

Weight		40 kg
Maximum Payload		10 kg
Working Radius		1300 mm
Maximum Reach		1525 mm
Rated Voltage		DC48V
Maximum Speed of TCP		4 m/s
Range of Motion	J1	±360°
	J2	±360°
	J3	±160°
	J4	±360°
	J5	±360°
	J6	±360°
Maximum Joint Speed	J1/J2	120° /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		±0.03 mm
Communication		TCP/IP, Modbus, Wi-Fi
IP Rating		IP54, Control Box IP20 (IP66 available upon choice)
Temperature		0° ~ 45° C
Power Consumption		350W
Materials		Aluminum alloy, ABS plastic



## APPLICATION SCENARIOS

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

# CR10 COLLABORATIVE ROBOT

