

# CR10S COLLABORATIVE ROBOT

## Wide Radius Cobot with SafeSkin

The CR10S has a maximum reach of 1525 mm and max operating speed of 4 m/s. With DH parameters compensation technology and vibration suppression algorithm, it is highly reliable when operating at high speed. Equipped with SafeSkin for pre-collision detection, CR10S allows for efficient human-machine collaboration.

Weight		40 kg
Maximum Payload		10 kg
Working Radius		1300 mm
Max Reach		1525 mm
Rated Voltage		48V DC
Maximum Speed of TCP		4 m/s
Joint Ranges	J1	±360°
	J2	±360°
	J3	±160°
	J4	±360°
	J5	±360°
	J6	±360°
Maximum Speed of Joints	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
Temperature		0° ~ 45° C
Power		350W
Materials		Aluminum alloy, ABS plastic



## APPLICATION SCENARIOS

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

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