

HITBOT Z-Arm 2140 Specification

Parameter			Model	
			Z-Arm 2140 non-collaborative	Z-Arm 2140C collaborative
Basic Information	J1-axis	Arm length	200mm	200mm
		Rotation angle	±90°	±90°
	J2-axis	Arm length	200mm	200mm
		Rotation angle	±164°	±164°
	Z-axis	Stroke	210mm	210mm
	R-axis	Rotation angle	±180°	±180°
linear velocity			1255.45mm/s (1.5kg payload)	1023.79mm/s (2kg payload)
Repeatability			±0.03mm	±0.03mm
Rated payload			1.5kg	2kg
Maximum payload			2.5kg	3kg
Degree of freedom			4	4
Power			220V/110V 50~60Hz Adapter to 24V DC	220V/110V 50~60Hz Adapter to 24V DC
Communication			Wifi/Ethernet	Wifi/Ethernet
Extensibility			The built-in motion controller, provides 10 I/O	The built-in motion controller, provides 10 I/O
I/O □	Digital input (isolated)		5	5
	Digital output (isolated)		5	5
	Analog input(4-20mA)		/	/
	Analog output (4-20mA)		/	/
Height			565mm	565mm
Weight			19kg	19kg
Base installation parameters	Overall size		250mm*250mm*10mm	250mm*250mm*10mm
	Mounting hole spacing		200mm*200mm with 4 M8*25 screws	200mm*200mm with 4 M8*25 screws
Collision detection			×	√
Handhold teaching			×	√