

Hanwha
Collaborative
Robot

HCR

YOUR BEST ASSISTANT



HCR Series Specification



Payload	3kg		5kg		12kg	
Reach	630mm		915mm		1300mm	
Speed(Tool)	1m/s		1m/s		1m/s	
Weight	13kg		21kg		51kg	
Repeatability	± 0.1mm		± 0.1mm		± 0.1mm	
IP Level	IP 64		IP 54		IP 54	
Motion Range	• J1: ±360° • J3: ±160° • J5: ±360°	• J2: ±360° • J4: ±360° • J6: ± Infinite	• J1: ±360° • J3: ±165° • J5: ±360°	• J2: ±360° • J4: ±360° • J6: ±360°	• J1: ±180° • J3: ±165° • J5: ±170°	• J2: ±150° • J4: ±190° • J6: ±360°



Controller

Size	450 mm x 560 mm x 223 mm(WxHxD)		
Communication Protocols	TCP/IP, EtherCAT, Modbus TCP		
External Force Detection Range	25Nm - 150Nm		
Internal I/O ports	Digital In (Type)	16 (PNP)	
	Digital Out (Type)	16 (PNP, supply current limit 200mA)	
	Analog In	2	
	Analog Out	2	
Weight	20.2kg		
Power	100-240 VAC, 50-60Hz		



Teach Pendant

Size	340mm x 268mm x 81mm		
Weight	1.8kg		
Monitor	Display Size	12 inch	
	Resolution	1024 x 768	
	Touch Tech.	Resistive	
User interface	Power Switch	1	
	Emergency Switch	1	
Port	USB 2.0	1	
Cable Length (touchscreen ↔ control box)	5 m		
Accessory	T/P Holder	1	



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