



HS325DP

AI Industrial Wireless scanner

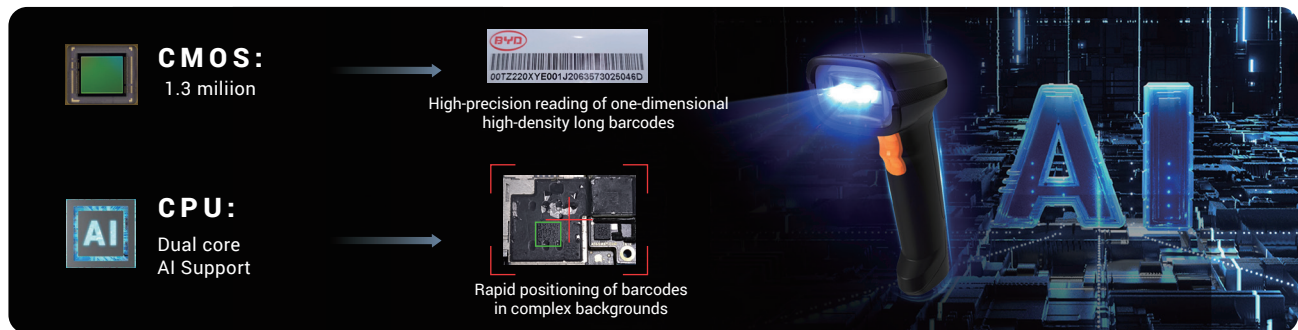
HS325DP Is an AI industrial wireless scanner with strong DPM decoding capability. It uses a faster dual-core processor and a smarter AI recognition algorithm to bring a more accurate and efficient decoding experience. In the face of distortion, surface, engraving, blur, defect and low contrast in manufacturing DPM reading, can be easily read.



Core advantage

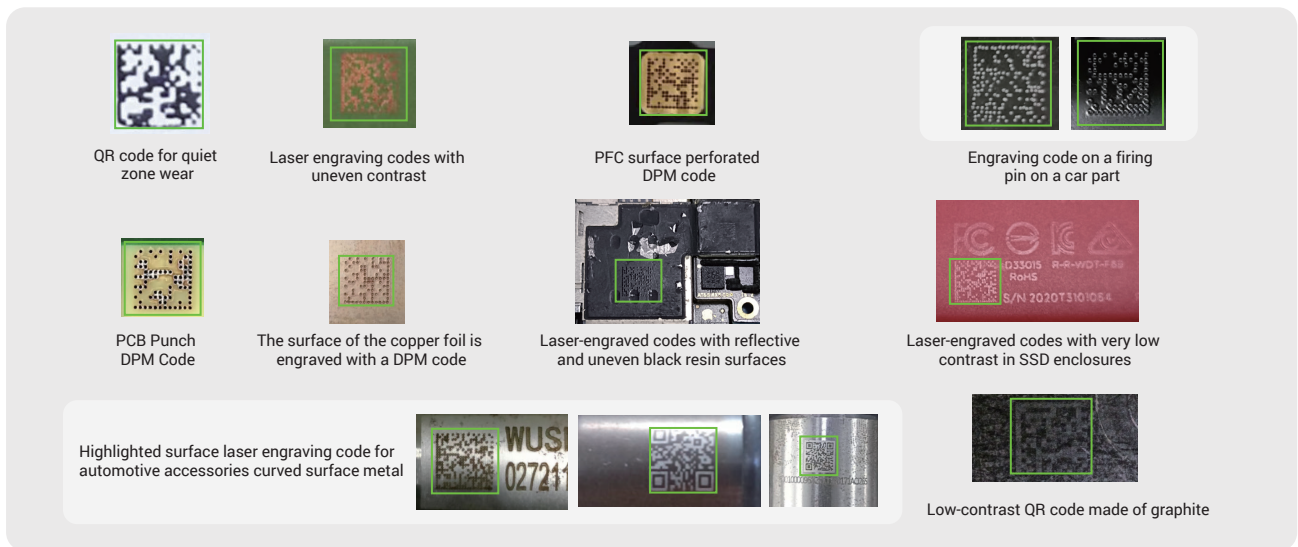
New algorithm, performance upgrade

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Excellent barcode reading capabilities, Stronger performance

Specializes in reading hard-to-read barcodes with poor marking quality



Application scenario: Manufacturing industry

Auto parts assembly / new energy / consumer electronics maintenance service store parts traceability / manufacturing production line scanning code and station collection / aerospace



Performance, physical, and environmental parameters

imaging sensor	A CMOS sensor of 1280×1080 with a global shutter	
Lens classification	DPM camera lens	
Lighting source	Intelligent adjustable diffuse light source: red, white blue	
sight	Laser crosshairs aiming frame	
frame rate	Up to 60 frames / s	
Readable barcode type	1D: Code39, Code128, Code93, Codabar, UPC/EAN, 12of5, GS1 128 etc. 2D: PDF417, MicroPDF417, Aztec, Data Matrix, QR code, Micro QR etc.	
Read the direction	Elevine ± 60°; slope ± 55°	
Scan Density	1D code: 3mil 2D code: 5mil	
Read the depth of field (typical value)	Barcode density	depth of field
	3mil Code128	3.5cm~6.5cm
	5mil Code128	1.5cm~18cm
	10mil Code128	0.5cm~28cm
	EAN 13	1cm~26.5cm
	5mil DM/QR	3.7cm~7.2cm
	10mil DM/QR	1.9cm ~ 15.9cm
	20mil DM/QR	0~33.5cm
Wireless communication	Empty space transmission distance is 100 meters	
Vibration motor	support	
communication interface	RS232, USB keyboard, and USB COM	
Dimension	166.2 * 105.5 * 68.5mm	
Weight	223g+3g	
working temperature	0°C to 50°C	
storage temperature	-20°C to 70°C	
Working humidity	5% to 95% RH non-condensing	
Sealing	IP54	
Light levels	0 to 100000Lux	
Drop level	Can withstand 501.8m aerial drops	
Rolling specifications	It can withstand 20000.5m rolling shocks	
Sheathing material	High-strength engineering plastics	
battery	Rated capacity: 3150 mAh; typical capacity: 3500 mah; removable battery	
Number of full-current state scans	100,000 consecutive scans were supported at a frequency of 2 scans per second	
charging interval	Charging with a USB cable: 6 to 8 hours	
Storage capacity in the batch mode	With 5,000 barcodes	
Electrostatic discharge (ESD)	± 15kV air discharge, ± 8kV direct discharge	
Certification	CE, FCC, RoHS, UN38.3 Air transport reports	



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