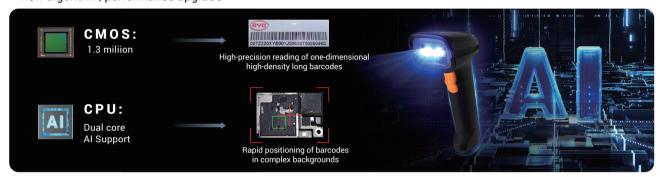# Seuic

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.
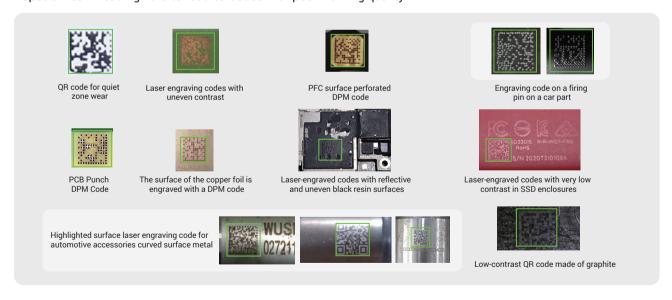
Core advantage

New algorithm, performance upgrade

New algorithm, performance upgrade

CMOS:
1.3 miliion

High-precision reading of one-dimensional high-density long barcodes

CPU:
Dual core
AI Support

Rapid positioning of barcodes in complex backgrounds

Excellent barcode reading capabilities,Stronger performance

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

QR code for quiet zone wear

Laser engraving codes with uneven contrast

PFC surface perforated DPM code

Engraving code on a firing pin on a car part

PCB Punch DPM Code

The surface of the copper foil is engraved with a DPM code

Laser-engraved codes with reflective and uneven black resin surfaces

Laser-engraved codes with very low contrast in SSD enclosures

Highlighted surface laser engraving code for automotive accessories curved surface metal

Low-contrast QR code made of graphite

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℃ to 50℃
storage temperature	-20℃ to 70℃
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

Official Website:
www.seuic.us
en.seuic.com

Service Mail：
inquiry@seuic.us
marketing@seuic.com