

# HS305DP

AI Industrial Wired Scanner

---

An industrial handheld scanner, new equipped with unmatched AI algorithm, dual-core driven, bring decoding ability to the next level, can identify, positioning and decode DPM barcodes in manufacture industrial easily, like as distortion, reflective, curved, blurred, low contrast code more effectively and smoothly, where improve your using experience at the same time.

---



## Product Features

---



### Dual core fast processing with AI capability

The cpu have greatly improved from predecessor single core to dual-core, and with the 1.3M decoding ability, it can read high-density long 1D barcode, with AI support which have been trained by more than hundred thousands barcodes, it can swiftly capture the barcode and decode it accurate.



### Three-direction LED reminder, friendly interaction

The top cover of the equipment displays a three-direction LED reading status reminder; the equipment's status is visible at one glance.

# Specifications

Physical Characteristics			
<b>Image Sensor</b>	1280 * 1080 COMS sensor with global shutter		
<b>Camera Option</b>	DPM		
<b>Illumination LEDs</b>	Intelligent adjustable diffuse light(red/white/blue)		
<b>Aiming</b>	Cross-shape laser aimer		
<b>Sensor Speed</b>	60fps		
<b>Support Symbologies</b>	1D: UPC/EAN, Code128, GS1-128, Code 39, Code 93, Interleaved 2 of 5, Coda bar, etc. 2D: PDF417, MicroPDF417, Data Matrix, QR Code, MicroQR, etc.		
<b>Scan Angle</b>	Pitch angle $\pm 60^\circ$ and skew angle $\pm 55^\circ$		
<b>Scan Density</b>	1D code: 3mil 2D code: 5mil		
<b>Standard Range for Typical Symbols</b>	Code Type	DP	HDP
	3mil Code128	3.5cm~6.5cm	0~6cm
	5mil Code128	1.5cm~18cm	0~9.1cm
	10mil Code128	0.5cm~28cm	0~13.3cm
	13mil ENA 13	1cm~26.5cm	1cm~9.1cm
	5mil DM/QR	3.7cm~7.2cm	0~6cm
	10mil DM/QR	1.9cm ~ 15.9cm	0~9.1cm

	20mil DM/QR	0~33.5cm	0~17.1cm
<b>Communication Interface</b>	RS232, USB keyboard, USB COM		
<b>Dimension</b>	166.2mm(L) * 68.5mm(W) * 105.5mm(H) 6.5 in. L x 2.7 in . W x 4.2 in. H		
<b>Weight</b>	5.7oz $\pm$ 0.1oz/162g $\pm$ 3g		
<b>Operating Temperature</b>	32 °F to 122 °F/0°C to 50°C		
<b>Storage Temperature</b>	-4 °F to 158 °F/-20°C to 70°C		
<b>Humidity</b>	5% to 95% RH non-condensing		
<b>Environmental Sealing</b>	IP54 (Water and Dust Resistant)		
<b>Light Levels</b>	0 to 100,000 Lux		
<b>Drop Specification</b>	Operational after 50 drops from 6 ft. (1.8 m) to concrete		
<b>Impact Specification</b>	2000 rounds of 0.5m tumble		
<b>Shell Material</b>	Highly resistant industrial plastic		
<b>ESD Protection</b>	$\pm$ 15kV Air discharge; $\pm$ 8kV direct discharge		
<b>Certificates</b>	CE、FCC、RoHS		