

# HS325DP

## Industrial Wireless Scanner

HS325DP is an industrial wireless scanner with powerful DPM decoding capabilities. Faced with problems such as distortion, deformation, stippling, blur, defects and low contrast in DPM code reading, they can easily tackle. It brings a smoother and more powerful decoding experience through a faster dual-core processor and a smarter AI recognition algorithm.



## 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 and battery capacity indicator; the equipment's status is visible at one glance.

PRODUCT SPEC SHEET

HS325DP Area-imaging wireless barcode scanner

# Specifications

Physical Characteristics		
<b>Image Sensor</b>	1080 * 1280 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>	60 fps	
<b>Support Symbologies</b>	1D: UPC/EAN, Code128, GS1-128, Code 39, Code 93, Interleaved 2 of 5, Codabar, etc. 2D: PDF417, MicroPDF417, Data Matrix, QR Code, Micro QR, 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>	3mil Code128	3.5cm~6.5cm
	5mil Code128	1.5cm~18cm
	10mil Code128	0.5cm~28cm
	ENA 13	1cm~26.5cm
	5mil DM/QR	3.7cm~7.2cm
	10mil DM/QR	1.9cm ~ 15.9cm
	20mil DM/QR	0~33.5cm
<b>Radio Range</b>	Direct line of sight in open air: Minimum 300 ft. (100.0 m)	
<b>Vibration motor</b>	Support	
<b>Communication Interface</b>	RS232, USB keyboard, USB COM	
<b>Dimension</b>	166.2mm(L)*68.5mm(W)*105.5mm(H)	
<b>Weight</b>	7.9oz $\pm$ 0.1oz/226g $\pm$ 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>Battery Capacity</b>	Rated Capacity:3150mAh ; Typical Capacity : 3500mAh; Removable battery;
<b>Number of Scans</b>	Supports 100,000 continuous scans at a rate of 2 scans per second
<b>Charge time from empty to full</b>	6~8 hours over USB 2.5 hours over external 5V power
<b>Maximum storage in batch mode</b>	5000
<b>ESD Protection</b>	$\pm 15$ kV Air discharge, $\pm 8$ kV direct discharge
<b>Certificates</b>	CE, FCC, RoHS, UN38.3
Standard Cradle Specifications	
<b>Normal rated charging power</b>	USB:2.5W
<b>Dimension</b>	219.3mm(L)*88.4mm(W)*62.3mm(H)
<b>Weight</b>	179g $\pm$ 3g
<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 70°C
<b>Humidity</b>	5% to 95% RH non-condensing
<b>Environmental Sealing</b>	IP51 (Water and Dust Resistant)
<b>Mechanical Shock</b>	50 rounds of 3.9 ft./1.2m drops across the operating temperature range
<b>Shell Material</b>	Highly resistant industrial plastic
<b>ESD Protection</b>	$\pm 15$ kV Air discharge, $\pm 8$ kV direct discharge
<b>Certificates</b>	CE、FCC、RoHS