

# HS220C

## Industrial Wireless Scanner

HS220C is a versatile wireless scanner for manufacturing, retail, e-commerce, and logistics. It performs well in a variety of scenarios such as automated factory assembly, retail store checkout/inventory, and logistics and warehousing, especially for paper barcodes, wrinkled and distorted commodity codes, and laser-engraved barcodes on printed circuit boards or metal surfaces, HS220C can provide excellent decoding performance and user experience.



## Product Features



### Strong decoding performance

Self-developed decoding algorithm, accurate and fast recognition of complex barcodes



### Convenient pairing, intelligent paging

One stroke pairing, convenient connection between the scanner and the communication cradle; wireless paging button, quickly locate the position of the scanner



### Versatile Usage

Flexible and durable, multi-industry versatility, widely used in manufacturing, retail, e-commerce and logistics, etc.

PRODUCT SPEC SHEET

HS220C Area-imaging wireless barcode scanner

# Specifications

Physical Characteristics			
Image Sensor	1280 * 1024 COMS sensor with global shutter		
Camera Option	High density	Standard Range	
Illumination LEDs	White		
Aiming	Green LED		
Sensor Speed	60fps		
Support Symbologies	1D: UPC/EAN, Code128, GS1-128, Code 39, Code 93, Interleaved 2 of 5, Codabar, etc. 2D: PDF417, MicroPDF417, Data Matrix, QR Code, MicroQR, etc.		
Scan Angle	Pitch angle $\pm 60^\circ$ and skew angle $\pm 55^\circ$		
Scan Density	1D code: 3mil 2D code: 5mil		
Standard Range for Typical Symbols		High Density	Standard Range
	3mil Code128	4cm ~ 11cm	10cm ~ 20cm
	5mil Code128	3cm ~ 14cm	7cm ~ 31cm
	10mil Code128	4cm ~ 15cm	4cm ~ 48cm
	13mil ENA-13	2cm ~ 18cm	4cm ~ 48cm
	5mil DM/QR	4cm ~ 8cm	/
	6.6mil DM/QR	3cm ~ 10cm	/
	10mil DM/QR	1cm ~ 15cm	6cm ~ 30cm
	20mil DM/QR	1cm ~ 21cm	5cm ~ 50cm
Vibration motor	Support		
Communication Interface	RS232, USB keyboard, USB COM		
Dimension	6.5 in. L x 2.7 in. W x 4.2 in. H 166.2 mm L x 68.5 mm W x 105.5mm H		
Weight	7.1oz/About 200g		

Operating Temperature	32 °F to 122 °F/0°C to 50°C
Storage Temperature	-4 °F to 158 °F/-20°C to 70°C
Humidity	5% to 95% RH non-condensing
Environmental Sealing	IP54 (Water and Dust Resistant)
Light Levels	0 to 100,000 Lux
Drop Specification	50 rounds of 4.9 ft./1.5m drops across the operating temperature range to concrete
Impact Specification	2000 rounds of 0.5m tumble
Shell Material	Highly resistant industrial plastic
Battery Capacity	Rated Capacity:2150mAh ; Typical Capacity : 2600mAh;
Number of scans	40,000
Charge time from empty to full	5~6 hours over USB
ESD Protection	$\pm 15$ kV Air discharge, $\pm 8$ kV direct discharge
Certificates	CE, FCC, RoHS, UN38.3
Standard Cradle Specifications	
Normal rated charging power	Only USB charge :2.5W
Dimension	90*115*75 mm
Weight	167.75g $\pm$ 3g
Operating Temperature	32 °F to 122 °F/0°C to 50°C
Storage Temperature	-4 °F to 158 °F/-20°C to 70°C
Humidity	5% to 95% RH non-condensing
Environmental Sealing	IP51
Mechanical Shock	20 rounds of 3.9 ft./1.2m drops across the operating temperature range
Shell Material	Highly resistant industrial plastic
ESD Protection	$\pm 15$ kV Air discharge, $\pm 8$ kV direct discharge
Certificates	CE、FCC、RoHS