

HANDHELD SCANNER HS21



Versatile Decoding Capability

It supports mainstream 1D/2D barcodes and is specifically optimized to read digital codes from mobile screens



Precision Red LED Imaging

Equipped with a 640*800 CMOS sensor and 620nm red LED, it ensures fast and accurate barcode capture.



Lightweight & Durable

Weighing only 120g with IP52 protection, it combines ergonomic comfort with reliable dust and water resistance.



Supermarket



Warehouse



Self-order



Mall



Logistics



QR payment

Category / Item	Specification Details
PERFORMANCE	
Image Sensor	CMOS
Resolution	640*800
Illumination	620nm red LED
2D Symbologies	QR Code, Datamatrix, PDF417, Micro QR, Micro PDF417, Support code on screen
1D Symbologies	EAN13, EAN8, UPCA, UPC-EO, UPC-E1, Code128, Code39, Code93, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code11, CodaBar, MSI, RSS
Typical Decode Range	EAN-13 (13mil): 50mm~340mm Code39 (5mil): 35mm~160mm (barcode: 10mm*6mm) Datamatrix (10mil): 35mm~180mm QR Code (10mil): 30mm~150mm PDF417 (10mil): 30mm~210mm
Min Print Contrast / FOV	≥20% Horizontal 48°, Vertical 30°
ELECTRONIC	
Interface / Input Voltage	USB, USB-COM, RS232 5VDC±10%
Dimensions / Weight	159(W)×65.5(D)×85(H) mm 120g (not include cable)
Working Current	92~154 mA
ENVIRONMENTAL	
Temperature (Op/Storage)	Operating: 0°C~+50°C Storage: -20°C~+70°C
Humidity / IP Rating	5%~95% (Non-Condensing) IP52
ESD Protection	±8kV (air discharge), ±4kV (direct discharge)