



## HS Series

# HS-8124

HS-8124 is an image-based handheld barcode scanner that combines appearance and performance. Equipped with the 1st Generation self-developed recognition and analysis algorithms and optics. Not only can read all ordinary 1D liner barcodes and 2D barcodes, but also read even damaged, wrinkled, stained, low-contrast barcodes and more. Super easy to use, no need to install any tedious drivers, can be used for most operating systems. With its superior performance and ergonomic design, it is still favored by many customers in retail and service fields.



•Ergonomic Design



•Scan Feedback



•IP54 Sealing



## Specification

<b>Model Name</b>	<b>HS-8124</b>
<b>Performance</b>	
Light Source	White light LED
Sensor	752 (H) x 480 (V) pixels
Field of view	Horizontal – 55°, Vertical – 35°
Scan Rate	60 fps (at full resolution)
Reading Distance	350mm@20mil/0.5mm, PCS90%
Print Contrast Ratio	PCS30%@5mil/0.127mm
Resolution	3mil/0.076mm@PCS90% Code39 / 8mil/0.2mm@PCS90% QRCode
Reading Angle	Test Conditions : Code 39, 10mil/0.25mm,PCS90%
Pitch Angle	5°~60°(±5°)
Skew Tolerance	5°~60°(±5°)
Ambient Light	100,000 Lux Max
Sealing	IP54 Water and dust protection.
<b>Electrical Characteristics</b>	
Interface	RS 232(Optional) / USB
Output Voltage (Typ.)	+ 9 V / + 5 V
Stand by (Typ.)	45 mA / 40 mA
Operation (Typ.)	440 mA / 370 mA
<b>Physical Characteristics</b>	
Weight	Approx. 120g / 3.88 oz
Material	ABS / Rubber
Cable Length	5 FT.(150cm)
Color Available	White
Demension	60 mm W x 95 mm H x 173.0 mm L
<b>Reliability</b>	
Trigger Switch	1,000,000 times @1kg ±50g cycles
MTBF(Calculated)	50,000 hours
High Temp.	60 °C (140 °F)
Low Temp.	-20 °C (-4 °F)
Cycle time	30 minutes for high temp. (24 cycles)
Cable Bending Test	25,000 times minimum (30 times/min @ 200g/90°)
Drop Resistance	70.86 inches (180cm) drop on concrete surface
Electro-Static Discharge	Both contact and air at up to 16KV
Antibacterial resistance	ISO 22196 and JIS Z2801
<b>Readable Symbologies</b>	
Cable Bending Test	UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, Code 39, Code 128,Interleaved 25, Industrial 25, Matrix 25, Codabar/NW7, Code 93, China Post, MSI/Plessey, Telepen, GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expanded
Cable Bending Test	Data Matrix, PDF 417, QR Code ,Micro PDF 417, Micro QR Code, Aztec and Dotcode Option: Maxi Code, Han Xin Code Option:Maxi Code, Han Xin Code

## POS Accessories



Authorized Distributor/Reseller

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