



HS3050 Series

Handheld Industrial Barcode Scanner

HS3050 series handheld two-dimensional barcode reader adopts high-performance reading components, providing good reading fluency. Good reading performance for screen barcodes and stained barcodes, with strong applicability. The product adopts IP54 protection design, ensuring durable and reliable performance.

Product Features

■ Excellent Reliability

IP54 Protection Rating design, Firm structure, Reliable performance

■ Good Barcode Reading Performance

All 1D and 2D barcodes that meet national and international standards are readable; Label barcodes and screen barcodes can be read smoothly

■ Universal Communication Interface

Support USB keyboard, USB simulated Serial port and RS232 communication

Industry Applications



Logistics



Production
Assembly Line



Test Instrument

Technical Parameters

Image Resolution	Area image (640x480)
Motion Tolerance	25cm/s
Viewing Angle	45° (Horizontal) 30° (Vertical)
Illumination Source	Visible white light
Aiming Light Source	Visible red light
Communication Interface	USB keyboard port, USB simulated Serial port, RS232
Operating Voltage	4.75-5.25VDC
Standby Current	140mA
Operating Current	360 mA
Weight	133g
Dimensions	160.0mmx 70.0mmx 107.0mm
Operating Temperature	-20°C - 60°C
Storage Temperature	-30°C - 70°C
Relative Humidity	5% ~ 95% Non-condensing
IP Rating	IP54
Ambient Light Immunity	0 ~ 100,000 lux
Shake Resistance	2000G, 0.7ms, 3 axis
Drop Resistance	Withstand impacts of falling from a height of 1.2 meters onto the cement floor
Readable Code Symbolologies	1D, 2D and stacked barcodes that meet national and international standards
Maximum Reading Accuracy	1D code: 3mil 2D code: 5mil

Reading Distance

Unit: (mm)

Barcode Specification	Range
10mil Code 39 10bit	70 - 275mm
10mil Code 128 15bit	50 - 265mm
15mil DM 15bit	25 - 225mm
15mil QR 15bit	15 - 180mm
20mil QR 15bit	20 - 230mm



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