



# HS3050 Handheld 2D Code Reader





HS3050 series handheld two-dimensional barcode reader adopts high-performance reading components, provides faster reading speed and higher reading accuracy, It has good reading performance for screen bar code and defaced bar code, and has stronger applicability. The product is designed to meet the IP54 protection level, durable and reliable.



## Features

- Excellent reliability
- Excellent reading performance
- Universal communication interface

## Applications

-  Logistics
-  Product assembly
-  Test instrument
-  Product traceability



# Technical Parameters

## Physical Characteristics

Dimensions	160mm x 70mm x 107mm
Weight	133g

## Electrical Characteristics

Power Supply	4.75-5.25 VDC
Operating Current	360 mA
Standby Current	140 mA
Communication Interface	USB keyboard , USB simulation serial , RS232

## Environmental Parameters

Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% to 95% ( non- condensing )
IP Protection Grade	IP54
Ambient Light	0 – 100000lux
Jitter Resistance	2000 G, 0.7 ms, 3 axis
Fall Strength	1.2m falling to the cement ground

## Scanning Performance

Image Type	Area image (640 x 480)
Illumination	Visible white light
Motion Tolerance	25cm/s
Scanning Angle	45° (Horizontal) , 30° (Vertical)
Reading Symbolologies	Standard 1D code, stack code and QR code
Maximum Reading	1D code: 4mil (0.10mm) ; 2D code: 6.7mil (0.17mm)

# Reading Data Parameters

Code System /Density	Typical Range
10 mil Code 39 10bit	70 mm – 275 mm
15 mil DM 15 bit	25 mm – 225 mm
15 mil QR 15 bit	15 mm – 180 mm
20 mil QR 15 bit	20 mm – 230 mm

