



# HS3150 Series

## Wired Handheld Industrial Barcode Scanner

HS3150 is a universal handheld barcode reader, equipped with a megapixel sensor and efficient processor. It can quickly read label barcodes, screen barcodes and good DPM barcodes. The product has a lightweight appearance and is easy to hold and operate. It is widely applicable in electronics, traceability, medical industries, etc.

### Product Features

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#### ■ Equipped with a 1.3 megapixel sensor

The use of high pixel sensors significantly improves reading accuracy (3mil) and working distance compared to the products of previous generation

#### ■ Meet universal code reading scenarios

The reading accuracy can reach 3mil 1D and 5mil 2D;  
Easily read label barcodes and screen barcodes;  
Be capable of reading good-quality DPM barcodes such as laser engraving codes and printed codes

#### ■ Humanized structural design

Lightweight appearance design, easy to hold, strong and durable, suitable for long-term and high-frequency use

### Industry Applications

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Home appliances manufacturing



Transportation



Electronics manufacturing



Food and drug traceability

## Technical Parameters

Sensor Type	CMOS sensor
Image Resolution	1280 x 1024
Acquisition Speed	Up to 60 frames per second
Viewing Angle	44° (Horizontal), 34° (Vertical)
Roll/ Pitch/ Yaw	360°(Roll), 65°(Pitch), 55°(Yaw)
Reading Direction	Elevation angle $\pm 60^\circ$ Oblique angle $\pm 55^\circ$
Illumination	White LED (Available in red and blue)
Aiming Mode	Red LED
Communication Interface	RS232, USB keyboard, USB COM
Operating Voltage	+5V $\pm$ 5% VDC
Standby Current	150mA
Operating Current	370mA
Consumption	1.85W

Housing Material	PC
Weight	146g
Dimensions (LxWxH)	163mm x 69.5mm x 106mm
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +50°C
Relative Humidity	5% ~ 95% (non-condensing)
IP Rating	IP54
Certification	CE, FCC, RoHS
Ambient Light Immunity	Sunshine: 10000 Lux Incandescent lamp: 6000 Lux
Shock Resistance	Withstanding multiple impacts of falling from a height of 1.2 meter onto the cement floor (allowable deflection of 5°)
Readable Code Symbologies	1D, 2D and stacked codes that comply with national and international standards
Maximum Reading Accuracy	1D code: 3mil 2D code: 5mil

## Reading Distance

Unit: (mm)

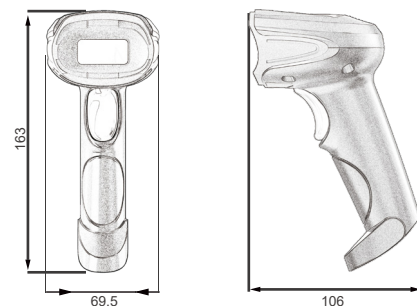
Barcode Specifications	Nearest	Farthest
3.34mil Code128	40	125
5mil Code128	30	164
10mil Code128	15	255
15mil Code128	15	281
5mil DataMatrix	38	92
6.67mil DataMatrix	33	137
10mil DataMatrix	20	198
15mil DataMatrix	20	227

## Standard Models Configuration Table

Model	Specific Description
HS3150-00-U-02A	HS3150 handheld wired barcode reader, white LED illumination, USB set, 2-meter USB cable
HS3150-00-R-02B	HS3150 handheld wired barcode reader, white LED illumination, RS232 set, 2-meter Serial cable, 5V power supply

## Dimensions

Unit: (mm)



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