



HS3150 Series

Universal 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

■ 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 the last 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 DPM barcodes such as laser engraving codes, inkjet codes, etc.

■ Humanized structural design

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

Industry Applications



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 Source	White LED
Aiming Mode	Red LED
Communication Interface	RS232, USB (Simulated Serial port, Simulated keyboard)
Operating Voltage	5VDC $\pm 5\%$
Operating Current	300mA
Standby Current	165mA
Shell Material	PC

Weight	148g
Dimensions (LxWxH)	163.0mmx69.5mmx106.0mm
Operating Temperature	0 ~ +45°C
Storage Temperature	-10 ~ +50°C
Relative Humidity	5% ~ 95% non-condensing
IP Rating	IP54
Certifications	CE, FCC, RoHS
Ambient Light Immunity	Sunshine: 10000 lux Incandescent lamp: 6000 lux
Drop Resistance	Withstanding multiple impacts of falling from a height of 1.2 meters 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)

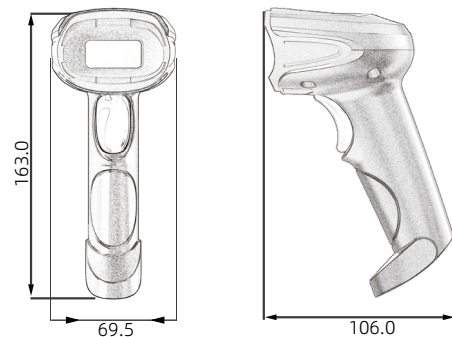
Barcode Specifications	Nearest	Farthest
3.34mil Code128	40	125
5mil Code128	30	164
10mil Code128	15	255
15mil Code128	15	281
5mil DataMatrix	38	92
6.67mil DataMatrix	33	137
10mil DataMatrix	20	198
15mil DataMatrix	20	227

Standard Models Configuration Table

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

Dimensions

Unit: (mm)



Any change of the information in this document may not be with prior notice; even the content of this document has been carefully checked to ensure accuracy, there may still be some errors. The data involved in this document may differ due to environmental factors, Bilin Intelligence does not bear any consequences arising from this.



NANJING BILIN INTELLIGENT IDENTIFICATION TECHNOLOGY CO., LTD.

www.infoscan-cn.com

infoscan

ver: 20231025