



HS3665 Series

Wireless Handheld Industrial DPM Code Reader

HS3665 is a high-performance industrial wireless handheld barcode reader for various DPM (Direct Part Marking) codes reading occasions. HS3665 adopts multi-color intelligent switching area illumination, professional image processing and DPM decoding algorithms, industrial grade protection design, etc. It can be used for diverse DPM code reading applications such as reflective, stained, low contrast, small-sized and punching code reading, in the field of automotive components, metal manufacturing industries. The wireless communication distance of HS3665 can reach over 80m, 2500mAh battery capacity and power saving mode ensure long-term operation and standby time.

Product Features

■ Powerful DPM decoding capability

Applicable for challenging DPM barcodes such as reflective, stained, low-contrast and small-sized barcodes;
Can be widely used in various DPM code reading applications such as automotive metal components, chip packaging and home appliance assembly, etc.

■ Diverse feedback prompts

Equipped with LED light prompts, buzzer prompts and vibration prompts, ensuring timely and accurate code reading and communication transmission feedbacks in noisy and applicable environments

■ Multiple color intelligent switching illumination

Provide white point illumination, red and blue area illumination to handle barcodes on various materials and surfaces (such as reflective, different colors, metals, curved surfaces, etc.), automatically switch and match the best illumination scheme

■ Excellent wireless communication performance

Wireless communication transmission distance can reach 80m (in open space)
Battery capacity: 2500mAh
Optimized power saving mode, with continuous use time of over 9 hours (triggered once every 2 seconds)

Industry Applications



Home appliances manufacturing



Electronics manufacturing



Automobile manufacturing



Transportation



Solar energy industry

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	Angle of elevation $\pm 60^\circ$ Oblique angle $\pm 55^\circ$
Illumination	White point illumination/ Red area illumination/ Blue area illumination
Wireless Signal	2.4~2.5 GHz Bandwidth Range
Aiming Mode	Laser aiming
Communication Interface	RS232, USB keyboard, USB COM
Battery Specifications	3.7V/2500mAh
Battery Endurance	Over 8.5 hours (triggered every 2 seconds, decoding over 16000 times in average)
Charging Time	6.5h
Communication Distance	Open: 82m , Indoor : 28m , support data storage
Storage Capacity	20,000 pcs (13bit/pc)
Operating Voltage	+5V \pm 5%VDC
Standby Current	150mA

Operating Current	310mA
Consumption	1.55W
Housing Material	PC
Weight	352g (Reader) 415g (Base)
Dimensions (LxWxH)	192mm x 130mm x 77mm (Reader)
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +50°C
Relative Humidity	5% ~ 85% (non-condensing)
IP Rating	IP67
Certification	CE, FCC, RoHS
Ambient Light Immunity	Sunshine: 10000 Lux, Incandescent lamp: 6000 Lux, Fluorescent lamp: 2000 Lux
Shock Resistance	Withstanding multiple impacts of falling from a height of 1.2 meter onto the cement floor (allowable deviation of 5°)
Readable Code Symbolologies	1D, 2D and stacked codes that comply with national and international standards
Maximum Reading Accuracy	1D code: 3mil, 2D code: 4mil

Reading Distance

Unit : (mm)

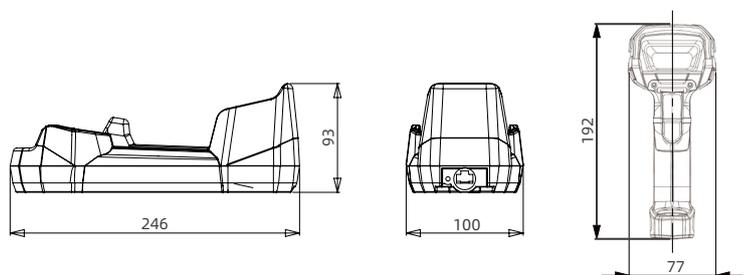
Barcode Specifications	Nearest	Farthest
3.34mil Code128	25	123
5mil Code128	22	179
10mil Code128	6	287
15mil Code128	6	384
5mil DataMatrix	35	103
6.67mil DataMatrix	25	125
10mil DataMatrix	5	243
15mil DataMatrix	5	254

Standard Models Configuration Table

Model	Specific Description
HS3665-32-U-02A	HS3665 Handheld Wireless Bluetooth Barcode Reader, DPM illumination, USB set, 2-meter USB cable and Communication base
HS3665-32-R-02B	HS3665 Handheld Wireless Bluetooth Barcode Reader, DPM illumination, RS232 set, 2-meter Serial cable, 5V Power supply and Communication base

Dimensions

Unit: (mm)



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