gmb

2D WIRELESS BARCODE SCANNER
POS-BS1100R

Don't need any driver, plug and play.

Super battery capacity up to 2000mAh.

Read all 1D and 2D code on screen and paper.

Communication model: 2.4G, bluetooth and USB-Type-B cable.

Communication distance (open air): 2.4G: 100m; BT: 40m.

Charge time is 5 hours and continuous scanning time is 12 hours.

Support double firmware upgrade online: wireless and decoder.

The world's first screw free design, easy to assemble and save labour cost.

APPLICATION

Mainly used in business,payment,health care,tobacco,some industries,etc.

1D	2D	Quick reading	Plug and play	Automatic scan	Anti seismic anti falling

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POS-BS1100R
TECHNICAL SPECIFICATION

OS
Windows / iOS / Android

Image Sensor
CMOS

Image(Pixels)
640 (H)*480 (v)pixels

light source
Aiming: 625 nm LED;
illumination:4000K LED

Scan Mode
Handhand (Manual) /
Handfree (Automatic)

FPS Frame Rate
30fps/s

Scan accuracy
≥ 4mil@ Code39

Print Contrast
≥ 20%

Visual Indicator
Green LED light, Buzzer,
motor vibration

Transmission Range
2.4G:100m; Bluetooth HID/BLE/
SPP: 40m(in open air)

Scan Angle
Left and right: ± 55°
Front and rear: ± 55°
Rotate: 360°

Field of view
32° horizontal, 24° vertical

Work frequency
2.400GHz-2.480GHz ISM
frequency

Dimension H x W x L
179*68*94 (mm)

Weight
176g (With USB Dongle)

Case Material
ABS+PC、TPU

Memory Capacity
380000 byte

Power parameter
Input Voltage: 5VDC±5%
Working corrent: 400mA

Firmware Update
Computer online upgrade

Scan distance
20-200mm @ EAN 13mil PCS=100%;
5-170mm @ QR 20mil PCS=100%

Paired Mode
one to one,
or one to more (Optional)

Battery Parameters
Battery Capacity: 2000mAh
Charge Mode: Wire charging
Charge time: 5h
Working time: 12h
(continuous scanning)

Safety regulations
CE (EN 55032:2015;
EN 55035:2017), ROHS,
EN62368-1:2014+A11:2017
FCC PART 15 CLASS B

Environmental parameters
Operating Temperature: -10℃~+ 50℃
Working Humidity: 5% to 95% relative humidity, non-condensing
Storage Temperature: -20℃~+60℃
Electrostatic protection: ±8 kV (Direct discharge)
Ambient brightness: 0~100,000Lux
Drop Resistance : 1.6M   IP: IP42

Decoding Capability

1D: EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodaBar、Interleaved 2 of 5、Industrial 2 of 5、Matrix 2 of 5、Code11、MSI-Plessey、Standard 2 of 5、Plessey、China Post、Code 16K、GS1 Databar(RSS-Expand, RSS-Limited, RSS-14,GS1 Composite)

2D: QR、PDF417、DataMatrix（ECC200）、Aztec、HanXinCode、Maxicode、Micro QR、Micro PDF417、etc.

Optional configuration

one to one	one to more