IDZOR TECHNOLOGIES

Good ideas and best solutions

IDZOR M100

Bluetooth Ring Barcode Scanner for iOS, Android, Windows, Mac

2D CMOS

An effective solution to scan two-dimensional barcodes

IDZOR M100 easy to connect to iOS and Android devices. Using the Bluetooth protocol, you can transfer the data directly to the mobile devices of all types, laptops, personal computers. Scan barcodes in any application on your smartphone.
IDZOR M100 opens up new possibilities in the process of identification data. Mini Barcode Scanner is small and lightweight, convenient to be mounted on the body of any mobile device. Most scanning button is located on the small scanner allows the housing and conveniently scan the barcodes thus, as if on the phone or on the tablet was scan button. Special mount allows you to mount a Mini Barcode Scanner IDZOR M100 in any convenient place for you without damaging it on the mobile device's surface.
This solution is ideal for the identification of visitors with tickets, cards, bracelets at various events. Mini Barcode Scanner IDZOR M100 can be used to stock your store, for receipt or delivery of goods, to inventory, to identify the product data in the logistics business processes, etc.

Additional benefits

IDZOR M100 comes with a special strap for fastening around the neck. If you need mobility and comfortable use of the scanner in the process of working with him, the band will release your hands at a time when it is needed.

IDZOR TECHNOLOGIES

Good ideas and best solutions

Specification	M100 2D CMOS Bluetooth Mini Barcode Scanner
Mechanical	Length:60.0mm, Width: 37.8mm, Height:14.6mm
Weight	30g
Electrical	Power: DC5V Typical: 230mA DC5V
CPU	32bit ARM CPU
Data storage	100KB for offline mode: 6000 15 bytes barcodes(Other flash is optional).
Scan mode	Manual mode, Continuous, Host, Sense mode
Working mode	Bluetooth mode, USB mode, offline mode and RS232 mode(optional)
Artificial light immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Scanner performance	Sensor: CMOS 1.2 Megapixel (1280 x 960) gray scale Optical Resolution: High Density Field: 960 x 640, Wide Field: 960 x 640 Field of View: High Density Field: 30° horizontal by 20° vertical, Wide Field: 50° horizontal by 33.5° vertical Focal Point: High Density Field: approximately 100 mm, Wide Field: approximately 115 mm Pitch: ± 60° (from front to back) Skew: ± 60° from plane parallel to symbol (side-to-side) Rotational Tolerance: ± 180° Print Contrast Res.: 25% (1D symbologies) or 35% (2D symbologies) absolute dark/light reflectance differential, measured at 650 nm. Target Beam: Single, blue targeting bar
Battery power	Internal Battery: Changeable 350mAh Li-ion Battery, Standby 5 days, working time after full charge with good decode as below: Continuous trigger scanning interval / Decoding number / Working time 1S / 12200 / 3.4hours 5S / 6300 / 8.8hours 10S / 5600 / 15.6hours Charge time: About 1.5hours
Barcode Type	1D barcode: Code 39, Code 128,BC 412, I2 of 5,UPC/EAN, Codabar, Code 93,Pharma code, PLANET, Post Net, Japanese Post, Australian Post, Royal Mail,Intelligent Mail, KIX Code Stacked code: PDF417, Micro PDF417, GS1 Databar(Composite & Stacked) 2D barcode: Data Matrix (ECC0-200),QR Code, Micro QR Code, Aztec Code
Decoding depth & Max. resolution	(1 mil = 0.0254 mm) 3 mil Code 39 — 3.7 to 5.9"(95-150mm) 7.5 mil Code 39 — 2.2 to 8.0"(55-205mm) 13 mil UPC 2.0 — 2.0 to 10.8"(50-275mm) 4.2 mil Data Matrix 3.7 — 3.7 to 4.5"(95-115mm) 5 mil Data Matrix 3.7 — 3.7 to 5.1"(95-130mm) 6.3 mil Data Matrix 3.1 — .1 to 6.3"(80-160mm) 10 mil Data Matrix 1.6 — 1.6 to 7.7"(40-195mm) 20.8 mil Data Matrix 1.6 — 1.6 to 9.4"(40-240mm) Note: working ranges are a combination of both the wide and high density fields
Communication	Class 3 Bluetooth HID, SPP with 20M distance, USB, RS232 cable(optional)
OS	IOS, Android, Windows, Mac
Certificate	CE, Rohs, FCC, EN60950, IEC60825, IP64, EMC, 1.2m drop test(500 times).
Laser safety	IEC60825-1-2007, Class 1
Temperature	Operating: -10°C to 60°C (-4°F to 140°F); Storage: -40°C to 70°C (-40°F to 158°F)
Humidity	5% to 90% (non-condensing)

1x M100 2D CMOS

Accessories

1X scanner jacket

1X Lanyard

1X 3M double faced adhesive tape for Jacket

1X USB cable