RIOTEC   # GODASCAN 2D Barcode Scanner

Features

With the Internet of Things (IOT), smartphone becomes the tool for data collection. RIOTEC develops Godascan barcode scanner which can upgrade smartphone to simple data collector. That is, Godascan extends smartphone to data capture market.

The latest solution:
Godascan + smartphone = data collector

** DC9272N: Plug and Play(Wired, for Android / Windows OTG Smartphone)
    iDC9272N: BT communication(HID profile , for iOS device/Android/Windows Smartphone)
                (SPP profile, for Android/ Windows Smartphone)
** With appropriate APP, the Smartphone becomes data collector easily.
** With touch trigger, the operation is easy.
** GODASCAN can be used for different size of iOS / Android devices.(from 4" to 6" display size)
** The back of GODASCAN has PU glue / suction cup which can be stuck on smart-phone strongly.
    PU glue can be repeatedly used.
** GODASCAN has Li-Ion battery inside which provides power to barcode scanner.
** You don't remove GODASCAN when in charge. You can charge both GODASCAN & smartphone
    through its micro USB port directly.

Scanner(Data Collector) Specifications :

Model Name	**iDC9272N**	**DC9272N**
Description	BT GODASCAN 2D barcode scanner	Wired GODASCAN 2D barcode scanner
Engine	ZEBRA SE2707	

Performance Characteristics

• Light Source	Aiming LED:610 nm LED Illumination Element:1 Hyper Red 660 nm LED
• Depth of field (There are +/- 1 cm tolerance)	1D (20mil Code 39)：420 mm 2D(20mil QR Code) : 250 mm
• Scan Speed	60 frame /sec
• Best Resolution	1D (5mil)：Code 39 2D (6.6mil)：PDF417
• Print Contrast	≥ 20%
• Scan Angle	Tilt: 360° / Pitch ±60° / Skew ±60°
• Sensor	CMOS (640×400 pixels)
• Indicators	LED & beeper
• Charge port	Micro USB port
• Symbologies	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, ISBN,Code 128, GS1-128, GS1-128 composite, ISBT 128, Code 39,Code39 Full ASCII, Trioptic Code 39, Code 32 (Italian Pharma Code), Code 93 , Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code,Aztec, Composite, TLC-39, MaxiCode, Postal: US PostNet, US Planet UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)
• Interface	through BT USB HID, USB Serial \<by request\>
• Cable supported	Micro USB cable or Type-C cable
• Memory capacity	1MB (can save 65,000 sets more EAN 13 barcode) -

Electrical Characteristics

• Input voltage	5 VDC ± 5%	
• Current - operating	340 mA	
• Radio Range	BT Class 1 (70~100m in open area, based on real operation environment)	-
• RF Frequency	2.4GHz	-
• Communication	HID profile, SPP profile	-
• Battery Type	3.7V 900mAh Li-Ion battery	
• Scans per charge	more than 10,000 scans when fully charged	
• Charge Time	4 ~ 5 hours	

Physical Characteristics

• Dimension (L x W x H)	125 x 52.5 x 35 mm
• Weight	88 g +/- 5 g

User Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity-operation	5% to 95% relative humidity, non-condensing

Decode Zone (DOF is measured at the office under 600 lux and by Standard barcode. There are +/- 10 mm Torrence. DOF may be also impacted by barcode quality and environmental conditions.)

• 4 mil Code 39	75 ~ 100 mm
• 5 mil Code 39	65 ~ 120 mm
• 13 mil UPC-A	60 ~ 300 mm
• 20 mil Code 39	100~ 420 mm
• 6.67 mil PDF417	75 ~ 110 mm
• 10 mil DataMatrix	70 ~ 140 mm
• 20 mil QR Code	55 ~ 250 mm

Product specification is subject to change without notice.

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