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 brings smartphone to data capture market.

The latest solution:
Godascan + smartphone = data collector

** **DC9270J: Plug and Play (Wired, for Android / Windows OTG Smartphone)**
  iDC9270J: 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 Smartphone. (from 4" to 6" display size)**
** **The GODASCAN has PU glue / suction cups which can be stuck on back of smartphone strongly.**
   PU glue can be used repeatedly
** **GODASCAN has Li-Ion battery inside which provides power to barcode scanner.**
** **You don't need to remove GODASCAN when in charge. You can charge both GODASCAN &**
   smartphone through its micro USB port directly.

Scanner Specifications：

Model Name	**iDC9270J**	**DC9270J**
Description	Bluetooth GODASCAN 2D Barcode scanner	Wired, GODASCAN 2D Barcode scanner
Engine	RIOTEC 2D engine	

Performance Characteristics

• Illumination Element	White LED	
Aiming LED	625 nm	
• Depth of field	13 mil UPCA：340 mm	
• Sensor	CMOS (640×480 pixels)	
• Best resolution	1D (4mil)：Code 39 2D (6.67mil)：PDF417	
• Print contrast	≥ 30%	
• Indicators	LED & beeper	
• charge port	Micro USB port	
• Symbologies	1D: Code 128, EAN-13, EAN-8, Code 39, Code 32, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar, 2D: PDF417, QR Code, Micro QR Code, Data Matrix, Aztec	
• Interface	Bluetooth	USB HID, USB Serial <by request>
• Cable supported	Micro USB cable or Type-C cable	
• Memory capacity	1MB (can save more than 65,000 EAN13 codes)	-

Electrical Characteristics

• Input voltage	5 V/DC ± 5%	
• Current - operating	< 500 mA	
• Radio Range	Bluetooth Class 1 (70m~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	82g ± 4 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
• Ambient Light	0-100,000 lux (total darkness-bright sunlight)

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	40mm ~ 120mm
• 5 mil Code 39	45mm ~ 155mm
• 13 mil UPCA	40mm ~ 340mm
• 10 mil DataMatrix	40mm ~ 160mm
• 20 mil QR code	25mm ~ 280mm
• 6.67 mil PDF417	50mm ~ 150mm