GODASCAN Laser Barcode Scanner

RIOTEC

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

** **DC9273A: Plug and Play(Wired, for Android / Windows OTG Smartphone)**
   iDC9273A: 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 Android OTG devices. (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(Data Collector) Specifications：

	iDC9273A	DC9273A
Model Name	**iDC9273A**	**DC9273A**
Description	BT GODASCAN Laser barcode scanner	Wired GODASCAN Laser barcode scanner
Engine	Honeywell N4313	

Performance Characteristics

• Light Source	650 nm Laser Diode	
• Depth of field (There are +/- 1 cm tolerance)	1D (40 mil Code 39): 734 mm	
• Scan Speed	108±16 scans /sec	
• Best Resolution	1D (4 mil) Code 39	
• Print Contrast	≧20%	
• Scan Angle	Tilt : ±35° / Pitch : ±60° / Skew : ±65°	
Indicators	LED & Beeper	
• Charge port	Micro USB port	
• Symbologies	Codabar,Code11,Code128,Code32,Code39,Code93,EAN/JAN-13,EAN/JAN-8, GS1DataBar Expanded ,GS1DataBar Limited ,GS1DataBar Omnidirectional,GS1-128, interleaved 2 of 5,ISBT 128,Matix 2 of 5,MSI,NEC 2 of 5,Plessy Codes ,Postal Codes, Straight 2 of 5 IATA,Straight 2 of 5 Industrial,Telepen,Troptic Code, UPC-A,UPC-E0,China Post	
• 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	240 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 25,000 scans when fully charged	
• Charge Time	4 ~ 5 hours	

Physical Characteristics

• Dimension	125 X 52.5 X 35 mm (L * W * H)	
• Weight	92 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	117 ~ 141 mm
• 5 mil Code 39	106 ~ 190 mm
• 7.5 mil Code 39	92~ 281 mm
• 10 mil Code 39	66 ~ 371 mm
• 15 mil Code 39	45 ~ 547 mm
• 40 mil Code 39	96 ~ 734 mm
• 13mil 100% UPC	52~ 457 mm

Product specification is subject to change without notice.