



# GODASCAN CCD 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



- \*\* DC9277A: Plug and Play (Wired, for Android / Windows OTG Smartphone)
- iDC9277A: 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  | iDC9277A                        | DC9277A                            |
|-------------|---------------------------------|------------------------------------|
| Description | BT GODASCAN CCD barcode scanner | Wired GODASCAN CCD barcode scanner |
| Engine      | CCD ENGINE                      |                                    |

## Performance Characteristics

|   |   |  |
|---|---|--|
| • Light Source  | 610nm~640nm Red LED   |  |
| • Depth of field<br><small>(Based on 300 lux environment. There are +/- 1 cm tolerance)</small> | Code 39 (5mil): 60mm~170mm<br>EAN-13 (13mil): 60mm~540mm  |  |
| • Scan Speed  | 300 scan/sec  |  |
| • Best Resolution   | 4 mil   |  |
| • Print Contrast  | ≥ 30%   |  |
| • Indicators  | Beeper  |  |
| • Charge  | Micro USB port  |  |
| • Symbologies   | Code 128,EAN-13, EAN-8,, Code 39, UPC-A, UPC-E,Codabar,Interleaved 2 of 5, ISSN, ISBN,Code 93,MSI,Matrix 2 of 5,Industrial 2 of 5,Code 11,RSS-14 RSS-14-limited,RSS-14-expand |  |
| • Interface   | through BT  | Micro USB ( USB_HID ,USB Serial <by request> ) |
| • Memory capacity   | 1MB<br><small>(can save 65,000 sets more EAN 13 barcode)</small>  | -  |

## Electrical Characteristics

|                     |  |   |
|---------------------|--|---|
| • Input voltage     | 5 V/DC ± 5%  |   |
| • Current - Reading | 170 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 20,000 scans<br>test mothed: one scan per one second.        |   |
| • Charge Time       | 4 ~ 5 hours  |   |
| • Power cable       | Micro USB cable  |   |

## Physical Characteristics

|             |                                |
|-------------|--------------------------------|
| • Dimension | 125 X 52.5 X 35 mm (L * W * H) |
| • 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 |

Product specification is subject to change without notice.

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