

## 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



\*\* DC9278K: Plug and Play(Wired, for Android / Windows OTG Smartphone)

iDC9278K: 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 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 :

	iDC9278K	DC9278K
Model Name	BT GODASCAN 2D barcode scanner	Wired GODASCAN 2D barcode scanner
Description		
Engine	Opticon MDI-4100	

## Performance Characteristics

• Light Source	Illumination:White LED Aiming LED:525nm (Green)	
• Depth of field ( There are +/- 1 cm tolerance )	(13 mil) UPC-A : 250 mm	
• Sensor	CMOS (640×480 pixels)	
• Best Resolution	1D (CODE39) : 5mil 2D (PDF417) : 6.7mil	
• Print Contrast	≥ 20%	
• Scan Angle	Tilt: 360° / Pitch ±65° / Skew ±65°	
• Indicators	LED & beeper	
• Charge port	Micro USB port	
• Symbolologies	1D: UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, Code 128, Code 93, IATA, MSI/Plessey, UK/Plessey, Telepen, Code 11, Matrix 2 of 5, Chinese Post Matrix 2 of 5, Korean Postal Authority code, Intelligent Mail Barcode, POSTNET, JPN (Customer Barcode), GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1 DataBar, Composite GS1-128, Composite EAN, Composite UPC 2D: PDF417, MicroPDF417, Codablock F, QR Code, MicroQR Code, Data Matrix (ECC 000-140 / ECC 200), Aztec Code, Aztec Runes, Chinese-sensible code, Maxi Code	
• 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	470mA	
• 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	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	

**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.)

• 10 mil Code 39	65~ 210mm
• 13 mil UPC	65 ~ 250mm
• 6.7 mil PDF417	60 ~ 135mm
• 10 mil PDF417	55 ~ 185mm
• 6.7 mil QR Code	75 ~ 95mm
• 15 mil QR Code	30 ~ 215mm
• 10 mil Data Matrix	60 ~ 150mm
• 7.9 mil Code 128	80 ~ 165mm

Product specification is subject to change without notice.

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