



## Mobile barcode scanner for Android OTG devices

### Features

- 2D Mini Mobile barcode scanners are designed for Android OTG devices especially.
- DC9268K: Wearing form design frees operator's hands to move packages, products or materials, helping to improve efficiency and productivity.
- Lightweight, ergonomically designed for easy operation
- With application, DC92xx series make Android OTG devices become data collector economically.



### Specifications :

|            |                  |
|------------|------------------|
| Model Name | <b>DC9268K</b>   |
| Engine     | Opticon MDI-4100 |

### Performance Characteristics

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • Illumination Element | White LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| • Aiming LED           | 525nm (Green)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| • Depth of field       | (13 mil) UPC-A : 250 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| • Best resolution      | 1D (CODE39): 5 mil<br>2D (PDF417): 6.7 mil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| • Sensor               | CMOS (640×480 pixels)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| • Scan Angle           | Tilt: 360° / Pitch ±65° / Skew ±65°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| • Interface            | Micro USB ( USB_HID ,USB Serial <by request> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| • Print contrast       | ≥ 20%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| • 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<br>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 |

### Electrical Characteristics

|                       |                            |
|-----------------------|----------------------------|
| • Input voltage       | Smart Phone / Tablet Power |
| • Current - operating | 390 mA                     |

### Physical Characteristics

|                         |                                    |
|-------------------------|------------------------------------|
| • Dimension (L * W * H) | 43 X 65 X 21 mm<br>(without cable) |
| • Color of housing      | Black                              |
| • Weight                | 42 g                               |

### 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-A       | 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.*

**RIOTEC CO., LTD.**

**8F., 196-2, DaTong Rd., Sec. 3, Xizhi Dist., New Taipei City 221, Taiwan**

TEL : +886-2-8647-1828

FAX : +886-2-8647-1800

E-mail : sales@riotec.com.tw

Web : www.riotec.com.tw