

# RIOTEC Omni-Directional barcode scanner

## Features

- **Omni-Directional barcode scanner**
- **Strong housing design**
- **Suitable for convenient store, supermarket use**



## Scanners Specifications :

Model Name	<b>OM7222K</b>
Description	Omni-Directional barcode scanner
Engine	Motorola SE 4500
Scan Mode	Automatic

## Performance Characteristics

• Light source	Aiming LED: 655nm Laser Illumination Element: 2x 625 nm LEDs
• Depth of field	1D (100%UPC-A ) : 390 mm 2D(15mil PDF417) : 355 mm
• Scan speed	60 frame /sec
• Sensor	CMOS (752x480 pixels)
• Best resolution	1D (4mil) : Code 39 2D (10mil) : DataMatrix
• Print contrast	≥ 25%
• Reading angle	Roll: 360° / Pitch: ±60° / Skew ±60°
• Indicators	LED & beeper
• Interface	USB HID,USB Serial (by request) , RS232(by request)
• Symbologies	5 VDC ± 0.5 V

## Electrical Characteristics

• Input voltage	5 VDC ± 0.5 V
• Current - operating	450 mA

## Physical Characteristics

• Dimension (L * W * H)	103.3 X 90.7 X 156.1 mm
• Weight	380 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
• Ambient Light	Maximum 96900Lux. (direct sunlight)

## Decode Zone ( There are +/- 1 cm tolerance )

• 4 mil Code 39	30 ~ 140 mm
• 5 mil Code 39	4 ~ 160 mm
• 10 mil PDF 417	20 ~ 250 mm
• 15 mil PDF 417	28 ~ 355 mm
• 10 mil QR code	15 ~ 150 mm
• 15 mil QR code	45 ~ 240 mm
• 10 mil Data Matrix	16 ~ 175 mm
• 15 mil Data Matrix	26 ~ 290 mm

*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