

## **RK100**

Ring type wireless barcode scanner



# Specifications

Performance	
Light Source	617nm LED (Aimer)、6500K LEDs (Illumination)
Image Sensor	640*480 CMOS
CPU	ARM32-bit
Resolution	≥5mil/0.127mm@PCS90%
Print Contrast	25%PCS
Scan Angle**	<i>Test Conditions: CODE39,10mil/0.25mm,PCS90%</i>
	Pitch:±65°
	Roll: 0-360°
	Skew: ±60°
Promoting Modle	Buzzer,LED Light
Reading Mode	Sensor Mode, Command Mode, Trigger Mode
Adapter	Output: DC5V,1A Input: AC100~240V, 50~60Hz (Optional)
Current	3.3V DC±5%@280mA
Motion tolerance	63.5CM/S
Ambient Light	100000Lux Max
Symbologies	<p>1D: EAN-8, EAN-13, Codabar, CODE 39, CODE 93, CODE 128, China Post, GS1-128, UPC-A, UPC-E, UCC/EAN 128, ISBN/ISSN, ISBT , Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5 , MSI, RSS, ITF14, Telepen, etc.</p> <p>2D : QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF417, Maxicode, Aztec, Hanxin, etc.</p>
Bluetooth	4.0

## Typical Depth of Field

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Type	Resolution	Near	Far
Code 39	0.127mm(5mil)	50mm	90mm
Code 39	0.5mm(20mil)	40mm	200mm
UPC-A	0.33mm(13mil)	40mm	180mm
QR Code	20.0mil	40mm	200mm
Data Matrix	10mil	40mm	110mm
PDF 417	6.8mil	50mm	90mm

**Test Conditions: Room temperature 25°C, Ambient illumination 200LUX, PCS=0.9**

## Environmental

Environmental	
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 80°C
Humidity	5% to 95% (non-condensing)
Drop Test	1.2m
High and low temperature test	30 minutes for high Temp., 30 minutes for low Temp.,
High Temperature	60°C
Low temperature	-20°C
Transport shock test	10H@125RPM