

RK4000

IP65 Industrial DMP Fixed Mount Scanner

Fast Scan moving barcode in production line,
Support USB/RS232/Ethernet Port+IO Control box



Product Advantages

-  **RK4000 Two Versions**
 RK4000: Suitable for reading little big size moving barcode (over 1cm about)
 RK65-HD: Suitable for reading smaller size moving or not moving barcode (such as 0.5cm about)
-  **Industrial Scanning Reader**
 RK4000 rated Industrial-grade Scanner, is waterproof and dustproof.
-  **Good at Scanning Various Barcodes**
 Support different types barcode: 1D/2D QR barcode, especially Datamatrix, PDF417, AZTEC.
-  **Fast Scan Moving Barcode in Assembly Line**
 Support reading moving barcode one by one in assembly line, Motion Tolerance is 0.5m/s in continuous scan mode, 2m/s in external trigger mode.
-  **Output Ways**
 Support Good output and NG output, if reading barcode well, output data normally. If not read, support NG output text.
-  **Multiple Interface**
 Support RS232 Port+ IO Control box
 Support USB Port+ IO Control box (HID/CDC)
 Support Ethernet Port+ IO Control box (TCP/UDP)



Application Scenarios

Industrial production line such as Wine/Beer/beverage factory, Metal manufacturing, electronics manufacturing

Product Specifications

Scan Performance			
Resolution	1280*800		
Field of view	Horizontal 46°(H)·Vertical 29°(V)		
Symbologies	2D	PDF417, Micro PDF 417 ,Data Matrix,OR, Micro QR,Aztec,MaxiCode	
	1D	UPCA,UPCE,EAN 8 , EAN 13 ,Code 128 ,Code 39 , Code 93 ,Code 32 , Code11Codabar ,Plessey , MSI, Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5Pharmacode ,RSS- 14,RSS- 14 Expanded ,RSS- 14 Limited ,Composite Code- A,Composite Code- B ,Composite Code- C	
Typical depth of field	Version	RK4000-SR RK4000-HD	
	DOF	Code 39(5mil) :60 mm~250 mm EAN- 13 (13mil) :50 mm ~400 mm QR (10 mil) :35 mm~130 mm	Code 39 (3 mil) :50 mm ~ 90 mm Data Matrix (10 mil) :40 mm~ 150 mm QR (7 mil) :35 mm ~120 mm
		Resolution	1D : ≥4 mil ;2D : ≥9 mil 1D :≥3 mil ;2D : ≥7 mil
Print Contrast	≥20% (UPC/EAN 100%,PCS 90%)		
Mechanical Electrical Parameters			
Dimensions(mm)	36(W)x43(D)x24(H)		
Enclosure	Aluminum alloy		
Sealing	IP65		
Indicator	Buzzer, LED		
Interface	RS232 · USB (HID ;CDC)·Ethernet (TCP/UDP/)		
Power	5-36 VDC		
Weight	75g		
Input	1 way out photoelectric coupled isolate input (NPN/PNP /relay)		
Output	two ways out photoelectric coupled isolate output (Good ; NG)		
Current@5VDC	Working current 300 mA ±5% (typical),450mA ±5%(Max) Standby current100 mA ±5%		
Environmental			
Storage	-40℃~-+70℃		
Working	-20℃~-+50℃		
ESD	±20 kV (air discharge)·±8 kV (direct discharge)		
Certification			
Certification	CE EN55022,FCC Part 15 Class B .CE EMC Class B		

Contact Information



Shenzhen Rakinda Technologies Co., Ltd.

Tel: +86 18145816425

Email: contact@rakinda.com

WhatsApp: +8618145816425

Website:www.rakinda.com

Skype: Scanmax Rakinda

WeChat:+8618145816425

Add: 5F Bldg .A2.Lilang Software Park, No,31 Bulan Rd,
Longgang Dist,Shenzhen City,Guangdong Province, China