

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-SR: Suitable for reading little big size moving barcode (over 1cm about)
RK4000-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



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