

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
	DOF Code 39(5mil) :60 mm~250 mm EAN-13 (13mil) :50 mm ~400 mm QR (10 mil) :35 mm~130 mm
	Resolution 1D : ≥4 mil ;2D : ≥9 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°C~+70°C
Working	-20°C~+50°C
ESD	±20 kV (air discharge)· ±8 kV (direct discharge)
Certification	
Certification	CE EN55022,FCC Part 15 Class B ,CE EMC Class B

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