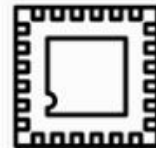
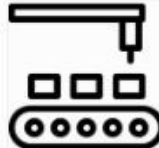


# RK65 Industrial Fixed Mount Scanner



## Features:

### ■ Industrial Scanning Performance

Armed with RAKINDA third generation decoding technology, it has excellent performance in scanning various codes.

### ■ Smart Illumination System

Armed with smart illumination adjusting function, it can meet all general environment as well as production line demand scanning environment, such as different materials (refection for example), shape (curved surface), background and code color.

### ■ Flexible I/O extensible interfaces

With I/O extensible interfaces, the scanner can realize 1 way out photoelectric coupled isolate input (NPN / PNP /relay) and two ways out photoelectric coupled isolate output (Good ; NG). It can control the external device.

### ■ IP65 Grade

Dust proof and waterproof.

## Application:

Metal manufacturing, electronics manufacturing, auto parts etc. Industrial production line quality management and tracking management.

## Specifications:

Scan Performance	Resolution	1280 * 800		
	Field of view	Horizontal 46° (H) · Vertical 29° (V)		
	Illumination	High brightness red light/High brightness white light		
	Aiming	Green LED aiming		
	Scan Mode	Auto sense; external pulse mode; continuous mode; serial command mode		
	Symbologies	1D	UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 , Code 32 , Code11 , Codabar , Plessey , MSI , Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited , Composite Code-A , Composite Code-B , Composite Code-C	
		2D	PDF 417 , Micro PDF 417 , Data Matrix , QR , Micro QR , Aztec , MaxiCode	
Typical depth of field	Version	RK65-SR	RK65-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 ) × 43 ( D ) × 24 ( H )		
	Enclosure	Aluminum alloy		
	Sealing	IP65		
	Indicator	Buzzer, LED		
	Interface	RS232 · USB (HID ; CDC) · Ethernet ( TCP/UDP/Modbus )		
	Power	5-36 VDC		
	Input	1 way out photoelectric coupled isolate input (NPN / PNP /relay)		
	Output	two ways out photoelectric coupled isolate output (Good ; NG)		
	Current@5 VDC	Working current 300 mA ±5% ( typical ) , 450 mA ±5% ( Max ) Standby current 100 mA ±5%		
Environmental	Storage	-40°C ~ +70°C		
	Working	-20°C ~ +50°C		
	ESD	±20 kV ( air discharge ) · ±8 kV ( direct discharge )		
Certification	CE EN55022 , FCC Part 15 Class B , CE EMC Class B			

\*test condition : environment temperature=23°C ; environment illumination=300 LUX