

RK360

Small Fixed Mount Industrial Barcode Scanner

Small size, Easy Installation, Fast Scanning Various 1D/2D Code on Production Line



Product Advantages

Megapixel Image Sensor

1080 (H) * 1280 (V) 1.3M high-performance sensor, Capable of reading higher precision code;

Aluminum Alloy Housing Protection

IP65 Grade Alufer enclosure to prevent dust and moisture, fit for harsh environment;

Small Size for a Variety of Fields

Using self-developed bar code recognition technology, can efficiently read a variety of bar codes, and quickly output bar code information, in a small size to achieve outstanding performance.

Large Viewing Angle, High Frame Rate

4.Large FOV Horizontal (H) 36° vertical (V) 43°60FPS; it does a good job in scanning moving code.



Application Scenarios

Electronics assembly line/photovoltaic product assembly/self-service Terminal Integration/electronic test equipment integration/medical device integration/ auto parts manufacturing

Product Specifications

Performance and Specification Parameters Table

resolution ratio	1080 (H) * 1280 (V) 1.3M high-performance sensor	
lighting	10 LEDs (3 up and down, 2 left and right), red light source	
Symbologies	2D	PDF 417 , Micro PDF 417 , Data Matrix , QR , Micro QR , Aztec , MaxiCode
	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 5Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded RSS-14 Limited , Composite Code
The main chip	ARM Cortex-A7,1.2G High-performance CPU, MIPI interface	
Aim at the instructions	High-brightness red dots aim	
Reading mode	Automatic induction, continuous mode, pulse mode (external trigger)	
Field of view Angle	Horizontal (H) 36°, and vertical (V) 43°	
Poor movement capacity	Continuous scan mode: 0.5 m per second External trigger mode: 1.0-1.5 m per second	
Data Interface		
Communication	RS232, USB (HID; CDC), EA100: Ethernet / TCP / IP	
External input	With external trigger line or control box: 1optical coupling isolation input (NPN/PNG/relay)	
External output	Version of the connection control box: 2 optical coupling isolation output (Good; NG)	
Supply electricity	Direct connection version: 5VDC, control box: 5-24 VDC (network port support POE power supply)	
Physical Characteristics		
Appearance size	38 (W) 38 (D) 19 (H) (mm), the part without the SR	
Weight	The host machine is about 40g, without the weight of the wire rod	
Case material	aluferr	
Case protection	IP65	
Reliability		
Storage temperature	-40°C~+70°C	
Working temperature	-10°C~+50°C	
Relative humidity	5%-95% (no condensation)	
Ambient brightness	0-8,600 Lux (fluorescent) 0-100,000 Lux (daylight)	
safe code	CE EN55022 , FCC Part 15 Class B , CE EMC Class B	
Work vibration	10 to 150HZ,0.5G, 3 axial, 1min / ct, 1 time / axial	
Durable vibration	10 to 150 HZ, 2G, 3 axial, 1min / oct, 20 times / axial direction	
Typical Read Code Depth of Field		
The focal range is adjustable	HD	SR
Read accuracy	1D \geq 3 mil ; 2D \geq 5 mil	1D \geq 3 mil ; 2D \geq 7 mil
Typical depth of field / DOF	Code39 (3mil): 40-140mm QR (5mil) : 45 ~105mm Code39 (5 mil) : 35 ~210 mm EAN-13 (13 mil) : 30 ~320mm	Code39 (3 mil) : 45 ~150 mm Code39 (5 mil) : 30 ~255 mm EAN-13 (13 mil) : 30 ~500m m

Contact Information



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