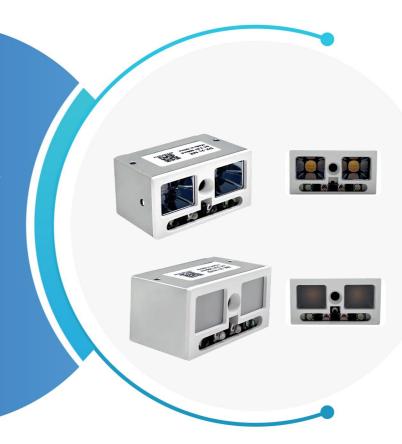


RK27

HHD/MR Industrial Scanner Engine

1.3 million pixel high performance 1D/2D



Product Advantages



Light Source

RK27 series is a three-color light source, 1.3 million pixel high performance two-dimensional barcode scanning engine, which is small in size and superior performance



Engine Choice

RK27 HHD is suitable for close distance reading, especially DPM; RK27MR is suitable for long distance reading, Code 128(25mil) maximum distance can reach 1.3M.



Barcode Reading

Engine supports almost all universal onedimensional / two-dimensional bar codes, and also has a good performance for low contrast, stain, distortion and other form printing barcode reading scenarios, It is equipped with a 1280 * 1024 pixel image sensor, can achieve efficient image sampling and recognition of 120 frames per second.



Interface Choice

USB,TTL,Virtual COM Port



Application Scenarios

suitable for embedding all kinds of equipment and industrial production lines, self-service inquiry teminal, self-service queuing machine, Express warehousing logistics management, Medical device embedding

Product Specifications

Pixel		1280 * 1080Pixels (1.30 MP)				
Lighting		Red, white and blue can freely switch light source				
Focusing		Laser cross aiming				
Reading mode		Key mode, automatic induction, external trigger mode, serial port command mode				
Read Code System	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 , GS1 DataBar 14 , GS1 DataBar Expanded , GS1 DataBar Limited , Composite Code A , Composite Code B , Composite Code C				
	2D	Data Matrix, QR Code, Micro QR, PDF417, Micro PDF417, Aztec, MaxiCode, Hancode, Dotcode				
Read Accuracy		1D:≥3 mil, 2D:≥5 mil(HHD); 1D:≥4 mil, 2D:≥10 mil(MR)				
Typical Reading Depth		Sample type	RK-27HHD	Sample type	RK-27MR	
		QR (5mil)	50~120mm	Code39(4mil)	220~300mm	
		QR (10mil)	30~220mm	Code39(5mil)	180~400mm	
		Code39(3mil)	50~170mm	QR (10mil)	240~340mm	
		Code39(4mil)	40~220mm	EAN /UPC (13mil)	100~850mm	
		Code39(5mil)	40~240mm	EAN /UPC (15.6mil)	100~950mm	
		EAN /UPC (13mil)	70~300mm	Code 128(20mil)	100~1300mm	
		QR (10mil)	30~220mm	Code 128(25mil)	100~1500mm	
Field of View Angle		Horizontal 22° (V), vertical 28° (H),				
Scan the Angle		Left and right \pm 60°, up and down \pm 60°, rotate for 360°				
Print Contrast		≥20%(UPC/EAN 100% , PCS 90%)				
Communication Interface		USB , TTL , Virtual COM Port				
Safe Code EMC		CE EN55022 B, FCC Part 15 Class B, VCCI, BSMI				

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