

LV5300

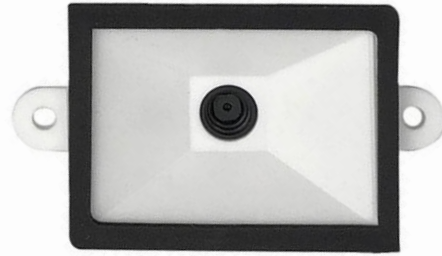
Barcode Scan Engine

Promote Human Intelligent Life With IOT Technology

Easy for Integration

4* UIMG Core Technology

Outstanding Power Efficiency



Product Features

UIMG Core Technology

Armed with self-developed Sixth Generation UIMG Core technology, the scan engine can swiftly and effortlessly decode various types of barcodes.

Outstanding Power Efficiency

The advanced NLDC core technology greatly helps reduce the power consumption and prolong its service life.

Compact & Lightweight Design

Seamless integration of imager and decoder board makes the scan engine extremely smallest and lightweight and easy to fit into miniature equipment.

Application Scenarios(As equipment accessories)

Face Recognition Device, QR Door Lock, Bus POS terminals, VTMs, self-service cabinets used in e-commerce, express delivery services and smart homes, kiosks, automatic queuing machines, vending machines, etc.

Shenzhen Rakinda Technologies Co.,Ltd.

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OEM Scan Engine

Performance	Image Sensor	640X480 CMOS
	Light Source	White LED
	Symbologies	2D PDF417, Data Matrix, QR Code
		1D Code128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey
	Resolution*	>3mil
	Typical Depth of Field*	30mm~330mm (5.5-inch iPhone6SP, WeChat Payment QR Code)
	Symbol Contrast*	>25%
	Sensitivity**	Pitch: $\pm 55^\circ$, Skew: $\pm 55^\circ$, Roll: $\pm 360^\circ$ (QR Code 30mil Paper Code)
Mechanical/Electric	Field ofView	Horizontal 68°, Vertical 51°
	Interface	TTL-232,USB
	Dimensions(mm)	40(W)x30(D)x18.4(H)mm
	Operating Voltage	3.3VDC
	Rated Power Consumption	298mW (Typical)
	Current@3.3 VDC Operating Current	89mA (Typical) , 92mA (max)
	Idle Current	10mA
	Sleep Current	4mA
Environmental	Operating Temperature	-20°C~55°C
	Storage Temperature	-40°C~+70°C
	Operating Humidity	5%~95%((non-condensing)
	Ambient light	0~100,000LUX

Testing Condition:T=23degree; illumination=300lux using incandescent lamp;sample barcode made by Rakinda Test Conditions: Scan distance =(min DOF+max DOF)/2;T=23degree(illumination=300lux using incandescent lamp;
2D:QR code ;10Bytes ;Resolution=15mil;PCS=0.8

Specifications are subject to change without notice

Version V1.2