

# LV5300

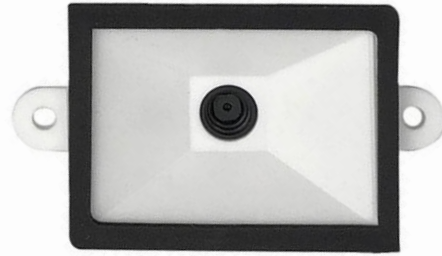
## Barcode Scan Engine

Promote Human Intelligent Life With IOT Technology

**Easy for Integration**

**4\* UIMG Core Technology**

**Outstanding Power Efficiency**



## Product Features

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### 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)

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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

<b>Performance</b>	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)
<b>Mechanical/Electric</b>	Field ofView	Horizontal 68°, Vertical 51°
	Interface	TTL-232,USB
	Dimensions(mm)	40(W)x30(D)x18.4(H)mm
	Operating Voltage	3.3VDC $\pm 10\%$
	Rated Power Consumption	298mW (Typical)
	Current@3.3 VDC Operating Current	89mA (Typical) , 92mA (max)
	Idle Current	10mA
	Sleep Current	4mA
<b>Environmental</b>	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