❖ **UIMG Core Technology**

❖ **Easy for Integration**

❖ **Outstanding Power Efficiency**

LV5200

Barcode Scan Engine

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.

LV5200

OEM Scan Engine

Performance	Image Sensor		640×480 CMOS
	Light Source		White LED
	Symbologies	2D	PDF417, Data Matrix, QR Code
		1D	Code 128, 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: ±55°, Skew: ±55°, Roll: ±360°(QR Code 30mil Paper Code)
Mechanical/Electric	Field ofView		Horizontal 68°, Vertical 51°
	Interface		TTL-232,USB
	Dimensions(mm)		40(W)×30(D)×18.4(H)mm
	Operating Voltage		3.3 VDC±10%
	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℃~55℃
	Storage Temperature		-40℃~+70℃
	Operating Humidity		5%~95% ((non-condensing)
	Ambient light		0~100,000LUX