LV5400

Barcode Reading Module

High-precision scanning of various barcodes

Product Advantages

Core Technology

Independent research and development of the core technologies;Can be matched with customer development or customized needs

Code System

Compatible with the market mainstream one, two-dimensional code;
Special decoding requirements can be customized Customizable standard OCR character set identification

Compatible with the Screen and Paper bar Codes

Can quickly read the screen and paperbar code, One device meets multiple needs

Wide Voltage Design

3-3.6V (3.3V power supply) 4.5V-16V wide voltage input

Rich Interface

Interface: Default interfaces USB, TTL_3.3V
Customizable RS232, RS485

Multi-color Lighting

Using RGB three-color LED, various lighting combinations can be set according to customer preferences

Application Scenarios

Public bus POS, turnstiles, access control, financial/ medical/express delivery/cashier/ID recognition and other self-service equipment

Product Specifications

Scan performance		
Image Sensor		640*480 Coms
Illumination		Default white, customized RGB any color
Symbologies	2D	PDF417, Data Matrix, QR Code， AZTEC
	1D	And EAN-13,EAN-8,UPC-A,UPC-E,Code 39,Code 128,ISBN,Code 93,Code 11,UCC/EAN-128,GS1 Databar,Interleaved 2 of 5,Matrix 2 of 5,Industrial 2 of 5,Codabar,Standard 2 of 5,MSI-Plessey,GS1 composite code, et al
Resolution*		1D≥ 5mil 2 D≥ 7 mil
Typical reading of the depth of field *		10-160mm Alipay payment code
		20-130 mm EAN13 13 mil
Symbol Contrast *		20%
Bar code sensitivity * *		Ttilt ± 55°, deflection ± 55°, and rotation 360°
Field of view Angle		Horizontal 72°, vertical 54°
Mechanical and electrical parameters		
communication interface		USB (optional, HID, virtual serial port), TTL serial port; customized RS 232, RS485
Visual dimensions (mm)		64.8(D)× 60.5(W)× 23.7Max (H)
weight		27g
working voltage		Power supply is 1:4.5V-16V Power supply 2:3-3.6 (3.3V power supply) Note: Power supply 1 and power supply 2, not at the same time.
rated current		(Typical value) is less than 190 mA (5V input)
enviromental parameter		
working temperature		-20℃~+ 60℃
storage temperature		-40℃~+70℃
Working humidity		5%~95% (no condensation)
Embient Light		0~100,000LUX
Thermal shock resistance		
maximum temperature		60 °C (140 °F)
minimum temperature		-20 °C (-4 °F)
cycle index		30 minutes for high temperature; 30 minutes for low temperature
period		24

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