

LV5400L

Long Distance Scanner

High-speed road gate/parking lot/long-distance code reading scenario



Product Advantages

Core Technology

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

Multi-color Lighting

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

High Integration Density

High integration degree, stable and reliable

Compatible With the Screen and Paper Bar Codes

Can quickly read the screen, payment code identification distance above 1.2 meters. and support paper bar code: one device to meet multiple needs

Wide Voltage Design

3-3.6V(3.3V Power supply); 4 5V-16V wide voltage input

Protocol Interface is Rich

Protocol: the default interface is USB TTL 3.3V Customizable RS232.RS485



Application Scenario (as Equipment Accessories):

Parking lot, highways and other self-service equipment

Product Specifications

Scan Performance	
Image Sensor	1280*800CMOS
Lighting	Default white, customized RGB any color
Symbologies	2D PDF417, Data Matrix, OR Code,AZTEC
	1D And EAN-13.EAN-8.UPC-A.UPC-E.Code 39.Code 128.ISBN.Code93.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 compositecode, et al
Scan Depth of Field	test condition
	depth of field WeChat, Alipay payment barcode
Symbol Contrast *	10-120CM ≥20%
Bar Code Sensitivity	Ttilt + 55°,deflection +55°, and rotation 360°
Field of View Angle	42°horizontal, and 31.5° vertical
Machinery Electrical Parameters	
Communication Interface	USB (optional, HID, virtual serial port), TTL serial port. Customizable RS232,RS485
Visual Dimensions(mm)	64.8(D)x60.5(W)x23.7Max(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)
Environmental Parameter	
Working Temperature	-20°C-+60°C
Storage Temperature	-40°C-+70°C
Working Humidity	5%-95%(no condensation)
Environmental 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

Contact Information



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