RAKINDA
远景达物联

LV3000T

Fixed Mount Barcode Scanner

The LV3000T is primarily designed for barcode reading in low-contrast, dirty, and distorted environments

Product Advantages

A megapixel Image Sensor

Use 1280*800 high resolution image sensor, the same distance can read higher precision bar code

Simple Interface

RS232 and USB communication interfaces are optional, and the outlet position of the data line does not affect the installation of the product

IP54, Industrial Protection

The fuselage is made of high strength ABS material, which is strong and reliable; IP54 protection grade, which can block dust and resist the impact of low pressure fresh water spray

Big Perspective, High Frame Rate

Optical lens with horizontal 46° and vertical 29° viewing Angle, 60FPS frame rate, to meet low speed motion and point-to-point reading code

Typical Product Features

- Postal logistics express cabinet
- Turnstiles and ticket inspection at scenic spots
- Self-service terminal embedded integration
- Integration of electronic test equipment
- Embedded integration of medical devices

Product Specifications

Scan Performance

Resolution		1280*800
Field of view		Horizontal 46°(H)· Vertical 29°(V)
Symbologies	2D	Data Matrix , QR Code , Micro QR , PDF 417 , Micro PDF 417 , Aztec ,MaxiCode
	1D	UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 , Code 32 , Code11 , Codabar ,Plessey , MSI , Interleaved 2 of 5 ,IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited Composite Code-A ,Composite Code-B , Composite Code-C
Reading mode		Key mode, serial command trigger mode
Reading accuracy		1D : ≥4 mil ; 2D : ≥7 mil
Typical reading depth of field	Code 39 (4mil)	40mm ~110mm
	Data Matrix(10mil)	35mm~300mm
	100%UPCA (13mil)	35mm ~320mm
Lighting		White light LED
Focusing		Red LED line
Print contrast		≥30%

Mechanical and electrical parameters

Outer dimensions	37 (W) × 45(D) × 18.2 (H)(mm)
Weight	About 30g
Communication interface	USB　RS-232　Virtual COM Port
Prompting mode	Beep, LED indicator
working voltage	DC 5V±5%
working current	200 mA ± 5% (typical), 350 mA ± 5% (maximum)
Wait for the electromotive force	100 mA ±5%

Enviromental Parameter

working temperature	-20℃~+50℃
Storage temperature	-40℃~+70℃
Relative humidity	5%~95% (no condensation)
Electrostatic protection	± 12kV (air discharge), ± 8kV (direct discharge)
Drop height	1.5 meters
Levels of protection	IP54

international certification

Levels of protection	FCC Part15 Class B　CE　EMC Class B

Contact Information

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