LV3000P

Fixed Mount Barcode Scanner

Mainly used in the common barcode recognition scenarios of 1D code, 2D code, QR code, and low contrast, dirty, distorted printing barcodes in the general.

Product Advantages

Excellent decoding performance

Using the third generation of RAKINDA decoding technology, it is suitable for ordinary carrier bar code and all kinds of printing bar code reading, with excellent decoding performance

Two high brightness LED lighting systems

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Small stature, big perspective

Compact structure design, easy to integrate and install; horizontal 46°, vertical 29° optical lens, suitable for fixed point-to-point reading code

High specification industrial protection

The fuselage is made of high strength metal material, which is strong and reliable; IP65 protection class, which can block dust and resist the impact of low pressure fresh water spray

Typical Product Features

- ○ **Electronics assembly and manufacturing**
- ○ **Electronic test equipment integration**
- ○ **Automobile parts production and manufacturing**
- ○ Photovoltaic product assembly and manufacturing
- ○ Metal mechanical processing and manufacturing

Product Specifications

Scan Performance

Resolution		1280*800
Field of view		Horizontal 46°(H)· Vertical 29°(V)
Symbologies	2D	Data Matrix , QR Code , Micro QR PDF417, Micro PDF417 MaxiCode Aztec
	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
lighting		White light source
Reading mode		Key mode, serial command trigger mode
Reading accuracy		1D : ≥4 mil ; 2D : ≥9 mil
Typical reading depth of field	Code39(4mil)	60mm~200mm
	Code39(5mil)	60mm~250mm
	EAN 13(13mil)	50mm~320mm
	QR Code (7mil)	60mm~100mm
	Data Matrix(10mil)	60mm~200mm
Print contrast		≥20%

Mechanical and electrical parameters

Outer dimensions	36(W) × 43 (D) × 24(H)(mm)
weight	About 100g (including 2 meters of cable)
communication interface	USB RS-232 Virtual COM Port
prompting mode	Beep, LED indicator
working voltage	DC 5V±5%
working current	300 mA ±5% (typical), 500 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	IP65

international certification

levels of protection	FCC Part15 Class B CE EMC Class B

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