







LV3000H

Fixed Mount Barcode Scanner

Mainstream 1D/2D bar code conveniently
Passport OCR/MRZ Barcode Reader
Fast reading speed and high reading performance.



Product Advantages

-  **DualIR Sensor Four LED One Aiming lights**
IR sensor and LED lights combination improves the scanner's accuracy. Ensuring good performance
-  **Durability Sealed Housing**
An IP54-sealed housing, Waterproof, Dust proof, Moisture proof, Dirty proof
-  **ClearAiming Mode with Laser-Generated Crosshair**
Benefit from accurate aiming with our Clear Aiming Mode. The laser-generated crosshair aiming pattern is clear and bright, even in sunlight, ensuring precise and efficient scanning.
-  **Robust Design with 1.5m Drop Resistance**
The LV3000H is designed to withstand multiple 1.5m drops to concrete, providing you with durable and reliable scanning solution.
-  **High Resolution**
1280*800 CMOS, can easily read OR Datamatrix, Aztec, OCR barcode as well read Dirtydamaged barcode
-  **Automatic Exposure Control (AEC) for Optimal Lighting**
The LV3000H features Automatic Exposure Control (AEC). The sensors automatically adjust the brightness of supplementary lighting based on the light reflected off the barcode, ensuring optimal scanning conditions



Application Scenarios

Self-service cabinets used in e-commerce, express delivery services and smart homes; ticket validators; kiosks; barrier gates; Vending Machine O2O applications.

Product Specifications

Performance		
Image Sensor		1280*800CMOS
Illumination/Aiming		Red LED/Laser Aiming
Symbologies	2D	PDF417, QR Code, Data Matrix, AZTEC, CSC, Maxicode, Micro OR, Micro PDF417, GM, Code One, etc.
	1D	EAN-13, EAN-8, UPC-A, UPC-E, Code 128, Code 39, Codabar, UCC/EAN 128, RSS, ITF, ITF-14, ITF6, Standard 25, Matrix 25, COOP 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, Code 49, Code 16K, etc.
Resolution*		≥3mil
Typical Depth of Field*	EAN-13	55-360mm(13mil)
	Code 39	70-180mm(5mil)
	PDF417	55-160mm(6.7mil)
	Data Matrix	50-170mm(10mil)
	OR Code	40-210mm(15mil)
Scan Mode		Sense mode, Continuous mode, Level mode, Pulse mode
Scan Angle*		Roll: 360°, Pitch: +55°, Skew: +55°
Field of View		Horizontal 51°, Vertical 32°
Min.Symbol Contrast*		25%
Mechanical/Electric		
Interface		RS-232, USB
Dimensions		41.2(W) x 49.2(D) x 24.15(H)
Weight		75g
Notification		Beep, LED indicator
Rated Power Consumption		1622mW (typical)
Operating Voltage		5VDC+5%
Current @ 5VDC	Operating	276.8mA (typical), 322.7mA(max.)
	Standby	83.3mA
Environmental		
Operating Temperature		-20°C to 60°C (-40°F to 140°F)
Storage Temperature		-40°C to 70°C (-40°F to 158°F)
Humidity		5% to 95% (non-condensing)
ESD		±14 kV (air discharge), ±8 kV (direct discharge)
Drop		1.5m
Sealing		IP54
Certifications		
Certifications		FCC Part 15 Class B, CE EMC Class B, ROHS, IEC60825, IEC62471, KC
Environmental		
Cable	USB	Used to connect the LV3000H to a host device.
	RS-232	Used to connect the LV3000H to a host device.
Power Adapter		DC5V adapter to power the LV3000H with RS-232 cable

Contact Information



Shenzhen Rakinda Technologies Co., Ltd.

Tel: +86 18145816425

Email: contact@rakinda.com

WhatsApp: +8618145816425

Website: www.rakinda.com

Skype: Scanmax Rakinda

WeChat: +8618145816425

Add: 5F Bldg .A2.Lilang Software Park, No.31 Bulan Rd, Longgang Dist, Shenzhen City, Guangdong Province, China