







# LV3000B

## 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 LV3000B 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 LV3000B 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



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