SUNLUX

National New and High Technology Enterprise

Member of National Torch Plan Project

Guangdong Engineering Technology Research Center

XL-2350

2D Embedded Scan Module

Quick scanning, strong decoding

High performance imaging technology

1D/2D | Mobile payment | Auto | 32bit ARM | 1280x800 Pixels

Applications

Features

- Easy installation to improve operation efficiency.
- Mega pixels sensor with long depth of field for scanning.
- High pressure resistance and durability, suitable for harsh working environment.
- Excellent resolution, quickly reading 1D/2D screen barcodes and commodity barcodes.
- Support different physical interfaces and flexible data transmission.
- Wide scanning angle, flexible embedded deployment.

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XL-2350
Technical Parameters

Performance Parameter	
Light Source	Red LED (Lighting)
CPU	32bit ARM
Scan Mode	Automatic
Image Sensor	CMOS
Resolution	1280x800 Pixels
Scanning Speed	60 FPS
Minimum Resolution	≥3mil
Scanning Angle	Rotation 360°, tilt ±60°, skew ±60°
View Angle	Horizontal 55°, vertical 36°
Depth of Field	20~330mm (Code 39 13mil)
Print Contrast	⩾20%
Interface	Type-C
Transmission Mode	Type-C: HID-keyboard
Indicator	LED Indicator and buzzer
Decoding Capability	1D: Codabar, Code 11, Code 39, Code 32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1-128, UPC-A, UPC-E, EAN-8, EAN-13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code
Physical Parameter	
Size	LxWxH: 86x86x45 (mm)
Materials	ABS+PC
Electrical Parameter	
Input Voltage	DC 5V±5%
Working Current	< 500 mA
Electrostatic Protection	±12 kV (Air Discharge), ±8 kV (Contact Discharge)
Certification	CE, RoHS
Environmental Parameter	
Temperature (Operating)	-10°C ~ 50°C
Humidity	5% ~ 95% (Non-condensing)
Temperature (Storage)	-20°C ~ 60°C
IP Level	IP54
Falling Resistance	1.5 m Drop Resistance
Ambient Light Tolerance	0~5,000lux (Fluorescence), 0~100,000lux (Sunlight)

*XL-2350-29/07/26B-V1.0.0