SUNLUX

National New and High
Technology Enterprise

Member of National
Torch Plan Project

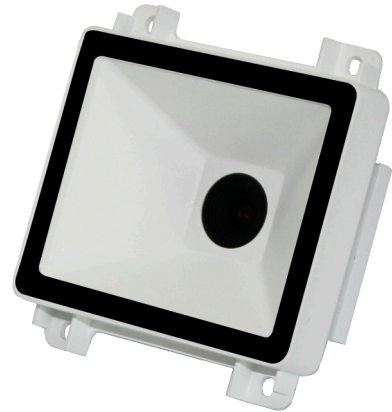Guangdong Engineering
Technology Research Center

XL-3042M
2D Scan Module

Designed for access control application

Higher integration level, easy operate

| Auto | ARM | 1D/2D | Mobile payment | 640x480Pixel |

Applications

Features

♦ Large scan window exceeds same level products.

♦ Fast read ing bright/dim codes on the screen with inner light supplement.

♦ Autonomous technology, low power consumption.

♦ Strong decoding ability for 1D&2D code on the screen.

♦ Excellent resolution with high speed sensing.

♦ Support secondary development for various interfaces.

XL-3042M
Technical Parameters

Performance Parameter	
Light Source	White light LED
CPU	32bit MIPS @1G Hz
Imager Sensor	CMOS
Scan Mode	Induction Scan
Resolution	640×480 pix
Scan Speed	30fps
Scan Precision	≥4mil
Scan Angle	Rotate 360°, Dip 65°, Elevation 60°
View Angle	Horizontal 70°, Vertical 50°
Depth of Field	20~120mm(13mil code39 PCS90%)
Decoding Capability	1D：EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5,GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39(including Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey , etc. 2D：PDF417, Data Matrix, QR Code, etc
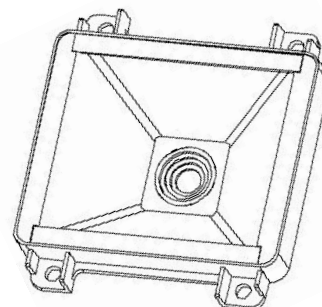
Other Parameters	
Size	LxWxH=65.1x61.6x33mm
Material	ABS+PC
Input Voltage	5 VDC±5%
Operating Current	108mA(Typical value), 114mA(Max value)
Static Current	50mA
Indicator	Buzzer
Support Interface	RS232,USB
Support Code	Support Alipay, Paper code, Mobile phone screen, PC screen, etc.
Temperature (Operating)	-10℃~50℃
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20℃~60℃
Light Levels	0~5000Lux (fluorescence), 0~100,000 Lux (sunlight)

*XL-3042M-11/22B-V.1.0.0