

# XL-3043M

## 2D Embedded Image Scanner

Ultra-wide scanning angle  
3mil high precision scanning  
Flexible embedding method



1D/2D



Mobile payment



Auto



Plug and play



32-bit



1280x800Pixel

## Applications



## Features

- With tempered glass, scratch-proof, more durable
- High Performance Image Technology
- 100% self-independent technology, support online upgrade
- Multi-interface, compatible with various embedded machines
- Adjustable volume to meet different environmental requirements
- Suitable for subway gate machine, parking lot, access control of scenic spot

### SUNLUX IOT TECHNOLOGY (GUANGDONG) INC.

Office Add: 4F, No.7, Kehui First Street, Science Road, Guangzhou, China

Tel: +86-20-32053765 Fax: +86-20-82115390 Website: [www.xl-scan.com](http://www.xl-scan.com) E-mail: [overseas01@xl-scan.cn](mailto:overseas01@xl-scan.cn)



# XL-3043M

## Technical Parameters

### Performance Parameter

Light Source	650nm visible red LED
CPU	32-bit ARM microprocessor
Scan Mode	Automatic scanning
Image Size	1280x800 Pixel
Scanning Speed	60 fps/s
Mobile Tolerance	1.5m/s
Mnimum Resolution	≥3mil
Scan Angle	Rotata 360°
View Angle	Deflection 360° , Dip 65° , Elevation 60°
Decoding Depth	5~250mm@(13mil UPC/EAN 100%,PCS=90%)

### Decoding Capability

1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar(RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, etc  
2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code

### Other Parameters

Size	L × W × H: 143×67.5×119(mm)
Weight	320g
Case Material	ABS+PC Flameresistant material
Input Voltage	DC 5V
Working Current	< 270mA
Stand-by Current	< 160mA
Indicator	Buzzer
Interface	USB-HID, RS-232 (Wire support required), USB-VCP
Cable	Straight 1.8m
Temperature (Operating)	-10 ~50
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20 ~60
Light Levels	0~5000Lux (fluorescence), 0~100,000 Lux (sunlight)

### Interface Definition

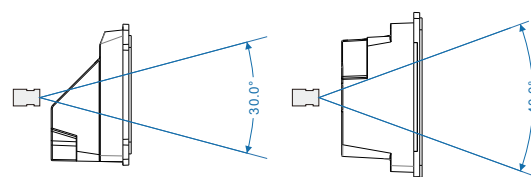
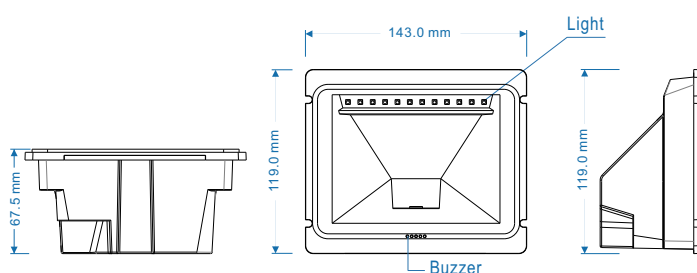
The 10pin crystal connector supports USB cable and serial cable

Pin-out	Description	Pin-out	Description
①	NC	⑥	NC
②	TX	⑦	+5V/PC_5V
③	RX	⑧	D+
④	GND	⑨	D-
⑤	NC	⑩	NC

### The Depth Of Field Performance

Type	Minimum(mm)	Maximum(mm)
EAN13 3mil	5	60
EAN13 5mil	5	150
EAN13 8mil	5	220
EAN13 13mil	5	250
EAN13 20mil	5	310
EAN13 30mil	10	320
Payment code	5	930

\*XL-3043M-V1.21.11



Vertical scanning field angle: 30 °

Horizontal scanning field angle: 40 °