

XL-3041 M

2D Embedded Image Scanner

Magapixel, global exposure

Ultra-thin body, easy to install

Tempered glass, scratch-proof



1D/2D



Mobile payment



Auto



Plug and play



32-bit



1280x800Pixel

Applications



Features

- ◆ Ultra far depth of field by megapixel with global exposure
- ◆ 100% self-independent technology, support online upgrade
- ◆ Quickly read 1D/2D paper and mobile phone screen barcode
- ◆ Multi-interface, compatible with various embedded machines
- ◆ Support secondary development, can meet different requirements
- ◆ Support multi-language, compatible with a variety of terminal systems

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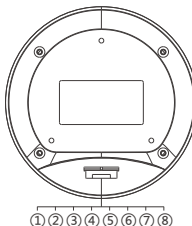
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Technical Parameters

Performance Parameter	
Light Source	650nm visible red LED
CPU	32-bit ARM microprocessor
Scan Mode	Automatic scanning
Image Size	1280x800Pixel
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	5~310mm@(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	
Dimension	Size 96mm Thickness 49.6mm
Weight	120g
Case Material	ABS+PC, Flameresistant material
Input Voltage	DC 5V
Working Current	< 270mA
Stand-by Current	< 90mA
Indicator	Buzzer
Interface	USB-HID, RS-232 (Wire support required), USB-VCP
Cable	Straight 1.5m
Temperature (Operating)	-10°C~50°C
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20°C~60°C
Light Levels	0~5000Lux (fluorescence), 0~100,000 Lux (sunlight)

Interface Definition				
The 8pin 1.5mm spacing terminal supports USB cable and serial cable				
	Pin-out	Description	Pin-out	Description
	①	+5V/PC_5V	⑤	RXD
	②	GND	⑥	TXD
	③	USB_D+	⑦	RTS
	④	USB_D-	⑧	CTS

The Depth Of Field Performance			
Type	Minimum(mm)	Maximum(mm)	
EAN13 3mil	20	90	
EAN13 5mil	5	150	
EAN13 8mil	5	230	
EAN13 13mil	5	310	
EAN13 20mil	15	370	
EAN13 30mil	35	420	
Payment code	20	580	

*XL-3041M-V1.21.11

