

# XL-3050M

## 2D Industrial Scan Module

Sturdy metal housing  
Easy to embed in various devices  
Excellent performance



Auto



32Bit ARM



1D/2D



IP54



640x480Pixel

## Applications



## Features

- ◆ Sturdy metal housing, reliable for embedded integration
- ◆ Exquisite appearance, flexible for all kinds of space
- ◆ Automatic recognition of all standard 1D and 2D codes
- ◆ IP54 waterproof and dustproof, resistance of 2m drop
- ◆ Support USB、USB-VCP、RS232 data interface
- ◆ Special filter glass, ensure accuracy of data collection in strong light environment
- ◆ Widely used in PLC, SMT, industrial production lines and other fields

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# XL-3050M

## Technical Parameters

### Performance Parameter

CPU	ARM
Image Sensor	CMOS
Image Size	640x480 Pixel
Scanning Speed	60 fps/s
Print Contrast	≥20%
Mnimum Resolution	≥3mil
Scanning Angle	Rotate 360°, Dip 65°, Elevation 60°
Decoding Depth	50~370mm@(EAN13 13mil)
Light Source	Red LED
Scan Mode	White LED lighting Red LED aiming
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: 43.4×45.7×19.2(mm)
Weight	52g (without cable)
Material	Aluminium alloy
Input Voltage	DC 5V
Operating Current	178mA
Static Current	52mA
Stand-by Current	< 1uA
Support Interfa	USB, USB-VCP, RS232
Temperature (Operating)	-10°C~60°C
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20°C~70°C
Environment Light	0~100,000Lux(sunlight)

\*XL-3050M-10/22B-V1.0.0