

# XL-2305

## 2D Barcode Scan Module

High speed decoding  
Ultra long depth of field  
Mega pixels resolution



Auto



Mobile payment



1D/2D



1280x800Pixel

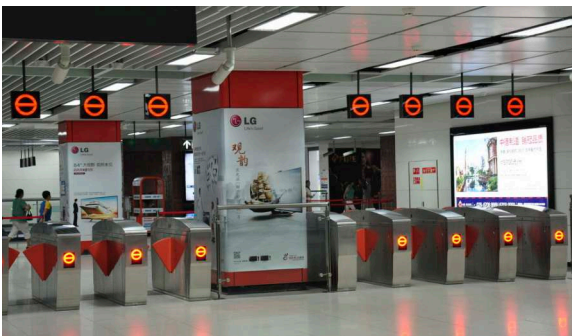


Alipay payment



WeChat payment

## Applications



## Features

- Easy to be embedded in multiple kiosk applications.
- Mega pixels CMOS sensor for quick reading response.
- Sensing scan in bright and dim environment.
- Flexible to read barcodes from papers & electronic screens.

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## Technical Parameters

Performance Parameter	
Light Source	Red LED (lighting)
CPU	32bit MIPS @1G Hz
Image Sensor	CMOS
Scan Pattern	Sensing Scan
Resolution	1280x800 Pixel
Scanning Speed	60fps
Scanning Angle	Deflection 360°, Inclination $\pm 65^\circ$ , Rotation $\pm 60^\circ$
View Angle	Horizontal 70°, Vertical 50°
Depth of Field	5~280mm @ (13MIL UPC/EAN100%PCS=90%)
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, Code 39, Code 11, MSI-Plessey, Plessey, etc 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code

Other Parameters	
Size	L x W x H: 78.3x67.2x52.9 (mm)
Material	ABS+PC
Voltage	5 VDC $\pm 5\%$
Operating Current	108mA (Typical value), 114mA (Max value)
Static Current	50mA
Indicator	LED Indicator and buzzer
Interface	RS-232, USB-HID, USB-VCOM
Cable standard	2 meters
Operating Temperature	-10°C to 50°C
Storage Temperature	5% to 95% relative humidity, non-condensing
Humidity	-20°C to 60°C
Light Levels	0-100,000Lux

\*XL-2305-01/26B-V1.0.0