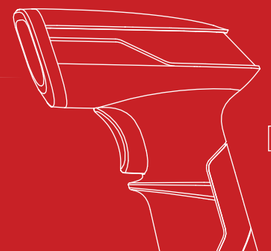
www.xl-scan.com

SUNLUX IOT TECHNOLOGY (GUANGDONG) INC.

Office Add: Room 1201, Building A, No.76 Xinye Road, Huangpu District, Guangzhou, 511356, China
Tel: +86-20-3205 3765 Fax: +86-20-8211 5390 E-mail: overseas01@xl-scan.cn



ID:202501

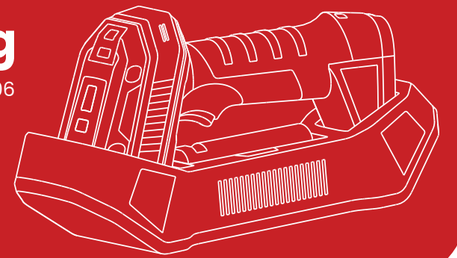
SUNLUX

2025



Product Catalog

Barcode Scanner Manufacturer Since 2006



About SUNLUX

Founded in 2006, SUNLUX is a listed high-tech enterprise specializing in R&D, production, sales and service of automatic identification technology and equipment. It is a pioneer in barcode identification in China (Stock code: 430490).

With near 20 years of development and technological accumulation, SUNLUX has developed a series of barcode identification equipment, electronic shelf label, LCD signage and other products with independent intellectual property rights. Our marketing network has covered more than 30 provinces in China and over 80 countries and regions in the world, SUNLUX has won unanimous recognition and praise.

Nowadays, SUNLUX product solutions have been widely used in domestic and foreign retail, warehousing and logistics, industrial manufacturing, medical health and other fields.



Certificate





SUNLUX Milestone

2006
SUNLUX was founded and successfully developed wireless laser barcode scanner.

2007
SUNLUX brand entered the international market.

2010
SUNLUX won the bid of Asian games and the honor of “National High-tech Enterprise”.

2014
SUNLUX became a listed company, stock code: 430490.

2015
SUNLUX became "Guangdong AIDC Engineering Technology R&D Center".

2017
SUNLUX established “The Guangdong IOT Innovation Alliance”.

2021
SUNLUX IOT Industrial Base Project completed and put into operation.

2024
Establishment of the China-Europe Intelligent Connectivity Innovation Center
Relocation to the New Industrial Park



IH20

2D Wired Barcode Scanner



Light and stylish design, comfortable use experience
Strong decoding capability on small and difficult barcodes
(blurred, wrinkled, low contrast and high density barcodes)
1280x800 pixels high performance image sensor, quickly
and accurately capturing barcodes
Support multiple interfaces, USB HID, USB-VCOM and RS-232
Easy upgrade to support function expansion



IH50

Industrial 2D Handheld Scanner



Designed for industrial DPM codes scanning solutions
Accurately decoding small and difficult barcodes
(blurred, wrinkled, low contrast, high density, DPM barcodes)
1280x800 pixels image sensor, combined with unique algorithm
Support multiple interfaces, USB HID, USB-VCOM and RS-232
IP65 standard rugged housing withstand 2m free drop



IW50

2D Wireless Barcode Scanner





Designed for industrial DPM codes scanning solutions
1280x800 pixels image sensor, combined with unique algorithm
IP65 standard rugged design with 2m drop resistance
3350mAh large capacity rechargeable battery
Support memory function of storing100000 EAN13 barcodes



XL-9600

2D Wireless Barcode Scanner



Durable buttons passed 2 million times pressing test
Support update online, fast after-sales service
Memory function supports 40,000 EAN-13 barcodes storage
2.4G+Bluetooth double wireless transmission modes
Super decoding ability, good at reading colored, stained and fuzzy codes

XL-9610

2D Wireless Barcode Scanner



Large capacity battery 2600mAh
Flexible identify all kinds of 1D and 2D barcodes on paper and screen
High speed and stable wireless transfer, error rate is less than 1/8000000
Long working time: 1 time full charge support 60,000 times scanning
Ideal solution for warehouse and logistic environment using



XL-3610



2D Wired Barcode Scanner

Unique appearance, stylish design
640x480 pixels high sensitivity camera, 60 fps quick reading speed
Quick decoding 3mil barcodes and difficult barcodes
(blurred, wrinkled, low contrast, high density, long barcodes)
Compatible with Windows 7/8/10, IOS, Android, Linux system
Suitable for retail stores, supermarkets, restaurants, pharmacies

XL-3610S

2D Wired Barcode Scanner



Compact handfree stand, automatically reading barcodes
640x480 pixels high sensitivity camera, 60 fps quick reading speed
Strong decoding capability of damaged, blocked, low contrast barcodes
Ultra long scan depth of field, fit for far and near reading distance
Suitable for retail stores, supermarkets, restaurants, pharmacies

XL-9620C

2D Wireless Barcode Scanner



2600mAh battery support continuous scanning of 16 hours
2.4G+BT modes, easy to connect with your PC and mobile devices
Good at reading high density and difficult barcodes
Easy online upgrade can be finished in several seconds
Ideal solution for warehouse and logistic environment using



XL-9620D

2D Wireless Barcode Scanner



Light industrial rugged housing, withstand drop of 1.5m
640x480 pixels high level image sensor, easy and quick reading barcodes
Transmission distance in open space: 2.4G 100m, BT 10m
Compact size fit for all kinds of applications
Buzzer and blue LED light indicator, clear scanning feedback

XL-3620



2D Wired Barcode Scanner



Fast reading on all 1D/2D barcode on paper and screen
0.3 million camera, fast reading speed 60fps/s
Light industrial design, unique appearance, fashionable shape
Compatible with Windows 7/8/10, iOS, Android, Linux system
Plug and play, no need to install drivers, support firmware upgrade
Suitable for retail stores, supermarkets, restaurant, pharmacy, assembly line

XL-3620S

2D Wired Barcode Scanner



Light industrial design, unique appearance, fashion shape
Suitable for retail stores, supermarkets, pharmacies, assembly lines
Plug and play, no need to install drivers, support firmware upgrade
Support multiple languages keyboards, fit for different needs
Rugged housing can withstand free drop from 1.5m



RH10/RH10S

2D Wired Barcode Scanner



Ultra long depth of field, support scanning barcodes from a wide range
Quick reading all kinds of 1D/2D barcodes on paper and screen
Strong decoding capability on 3mil barcodes and difficult barcodes (blurred, wrinkled, low contrast, high density, long barcodes)
Support multiple interfaces, USB HID, USB-VCOM and RS-232
Fit with retail stores, supermarkets, restaurants, pharmacies, etc

RW10

2D Wireless Barcode Scanner



Light industrial design, sturdy and durable, withstand 1.5m drop
High performance imaging sensor enables quick reading of various barcodes
Ergonomic design makes it more comfortable for using
Clear LED indicator and loud buzzer, easy to get scanning feedback
Transmission distance in open space: 2.4G 100m, BT 40m





RH20

2D Wired Barcode Scanner



Unique appearance and stable sturcture
Plug and play, suit with multiple countries' keyboard layout
Good at reading 1D and 2D codes on paper and screen
Excellent performance on damaged, fuzzy and wrinkled barcodes
Support online upgrade for extended functions

RW20

2D Wireless Barcode Scanner



Light industrial design, sturdy and durable, withstand 1.5m drop
Flexible identify all kinds of 1D and 2D barcodes on paper and screen
Ergonomic design makes it more comfortable for using
Clear LED indicator and loud buzzer, easy to get scanning feedback
Easy upgrade to support function expansion



XL-3700

2D Wired Barcode Scanner

Support automatic scanning function with stand
Plug and play, suit with multiple countries' keyboard layout
Quick and accurate reading 1D and 2D codes from paper and screen
Excellent performance on damaged, fuzzy and wrinkled barcodes
Fit with retail stores, restaurants, groceries and pharmacies, etc

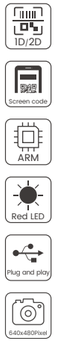


XL-9221C

2D Wireless Barcode Scanner

2200mAh battery support continuous scanning of 14 hours
2.4G+BT modes, stable and fast data transmitting to PC and mobile devices
Good at reading high density and difficult barcodes
Support multiple languages keyboards layout
Ideal solution for stores, warehouses and logistics application





XL-9010



2D Wireless Barcode Scanner

With 16M memory, can store up to 26 million characters
Widely be used in warehouse, logistics, retail store, library, pharmacy
Support firmware online upgrade, to meet the different requirements
Mini size and pocket design. Easy to operate and carry. Fashionable and stylish
3 in 1 connection modes, 2.4G wireless, BT4.2, USB wired, meet your various needs



XL-9529

2D Wireless Barcode Scanner



XL-9310

1D Wireless Barcode Scanner



XL-2360A

2D Desktop Barcode Scanner



Support USB, USB-VCOM, RS-232 interface
Wide scan window, full 360-degree coverage scanning
CMOS image technology, quick reading commodity codes and screen codes
Super decoding ability of all kinds of colored, stained and damaged barcodes
Automatic induction in the effective recognition range
3mm thick float glass, resistant to old wear, dust, and shock



XL-2610A

2D Desktop Barcode Scanner



Soft indicator light gives a better sense of experience
Ultra-wide scanning angle and ultra-far scanning distance
Support automatic detection and waking up scanner to read
Suitable for retail stores, supermarkets, healthcare system, etc
Adjustable volume to meet different environmental requirements



RD10

2D Desktop Barcode Scanner



Wide scan angle to capture barcodes from various directions
Independent technology and core algorithm, support online upgrade
Smart wake up LED light to protect your eyes
Compatible with Linux, Android, Windows XP/7/8/10/MAC OS
Suitable for retail stores, supermarkets, healthcare system,etc



RD20

2D Desktop Barcode Scanner



Quick code reading, milliseconds level easy decoding
Good at reading low contrast and damaged barcodes
Support secondary development and one key upgrade
Smart soft LED light mode to protect your eyes
Compatible with Linux, Android, Windows XP/7/8/10/MAC OS



XL-3041M

2D Embedded Image Scanner

High Performance Image Technology
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

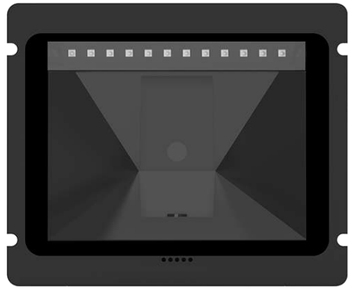


1D/2D | Screen code | Auto | Plug and play | 32-bit | 1280x800Pixel

XL-3043M

2D Embedded Image Scanner

Megapixel, global exposure
Big scan window, capture of barcodes from all directions
Automatic induction of 1D and 2D barcodes from paper and screen
Support multi-language, compatible with a variety of terminal systems
Support secondary development, fit for all kinds of host requirements



XL-2350

2D Embedded Image Scanner

Small size design, easy for integration
Super long depth of field, 1 million resolution image camera
Rugged and durable, fit for hard using environment
Quick reading 1D/2D paper&screen barcodes, commodity barcodes
Support Type-C: HID keyboard



1D/2D | Screen code | Auto | Plug and play | 32-bit | 1280x800Pixel

XL-3050M

2D Industrial Scan Module

Sturdy metal housing, reliable for embedded integration
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 ensures accuracy of reading in strong light environment
Widely used in PLC, SMT, industrial production lines and other fields



1D/2D | Auto | IP54 | 640x480Pixel | 32-bit

XL-3020S

2D Scan Module



Size	L x W x H: 23.6 x 16 x 6.8mm
Scan Mode	Induction / Manual / Command Trigger
Image Size	640x480 pixels
Scan Speed	60fps
Scan Precision	3mil
Depth of Field	60-360mm(EAN13, 13mil, PCS90%)

XL-3020GSQ

2D Scan Module



Size	L x W x H: 24.3 x 14.5 x 11.5mm
Scan Mode	Manual, Sensing
Image Size	640x480 pixels
Scan Speed	60fps
Scan Precision	3mil
Depth of Field	60-360mm(EAN13, 13mil, PCS90%)

XL-3030ER

2D Scan Module



Size	L x W x H: 21.3 x 14.5 x 11.5mm
Scan Mode	Manual, Sensing
Image Size	1280x800 pixels
Scan Speed	60fps
Scan Precision	3mil
Depth of Field	60-360mm(EAN13, 13mil, PCS90%)

Auto
1D/2D
ARM
Screen code
640x480Pixel
1280x800Pixel

XL-3042mini

2D Scan Module



Size	L x W x H: 53.5 x 33.4 x 15mm
Weight	12g
Image Size	640x480 pixels
Scan Speed	60fps
Scan Precision	4mil
Scanning Direction	Omnidirectional

XL-3042M

2D Scan Module



Size	L x W x H: 65.1 x 61.6 x 33mm
CPU	32bit MIPS@IG Hz
Scan Mode	Sensing
Image Size	640x480 pixels
Scan Speed	30fps
Scan Precision	4mil

XL-2305PLUS

2D Scan Module



Size	L x W x H: 78.3 x 67.2 x 52.9mm
Scan Mode	Sensing Scan
Image Sensor	CMOS
Image Size	1280x800 pixels
Scan Speed	60fps
Scan Precision	4mil

Auto
1D/2D
ARM
Screen code
640x480Pixel
1280x800Pixel

Barcode Test Chart

WWW.XL-SCAN.COM

CODE 128 13mil (40 Digit)



1234567890123456789012345678901234567890

CODE 128



1234567890128

CODE 39 STANDARD



123456789039

CODE 93



123456789093

MSI



12345678

CODE 32



A026089019

CODABAR



A987654321B

UPC-A



012346841636

UPC-E



0564892

ISSN 1004-9274 03>



97710049271403

ISBN 978-7-5100-1849-7



9787510018497

Interleaved 2 of 5



1234567890

Industrial 2 of 5



12345678905

EAN-8



85515314

GS1 RSS 14



0112345678901231

GS1 Limited



0101234567890128

GS1 RSS 14 Stacked



0101234567890128

EAN-13 3mil



3123456789033

EAN-13 5mil



5123456789055

EAN-13 7mil



1234567890173

EAN-13 7mil



1234567890173

EAN-13 7mil



1234567890173

EAN-13 13mil



30% PCS

EAN-13 13mil



20% PCS

EAN-13 13mil



10% PCS

EAN-13 13mil



EAN-13 13mil



EAN-13 13mil



PDF 417 (90 Digit)



1234567890(9 group)

PDF 417



1234567890417

Micro PDF 417



123456789

Datamatrix (90 Digit)



1234567890(9 group)

GS1 DataMatrix



(01)00001234567895

Aztec (90 Digit)



1234567890(9 group)

Aztec



1234567890

Datamatrix



1234567890

QR (90 Digit)



1234567890(9 group)

QR



1234567890

QR



1234567890

QR



1234567890

Micro QR

1234567890