

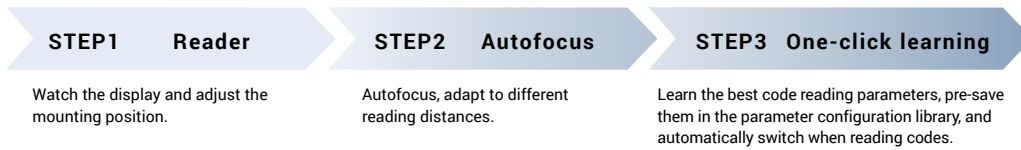
# X4 Industrial visual barcode reader

3-step debugging Simple and easy to use

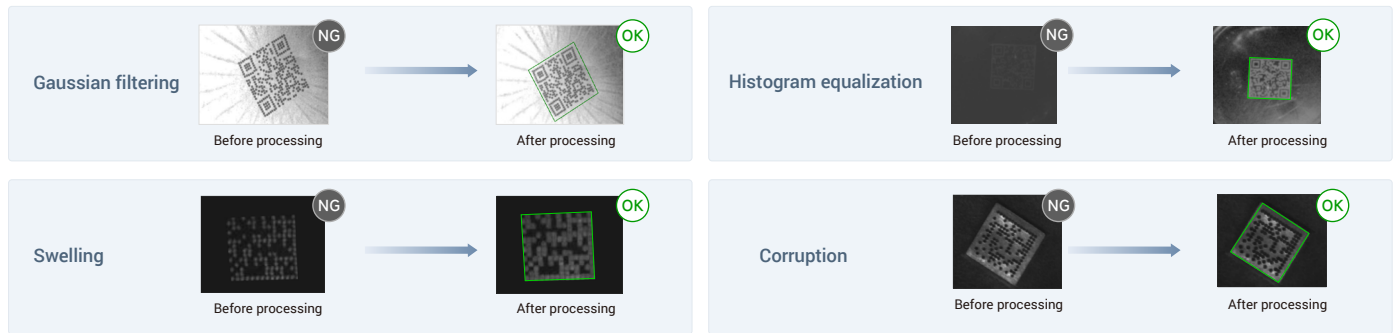


- 1 second to turn on the lens, 3 seconds to autofocus, 30 seconds to automatically adjust parameters, simple and easy to use.
- Multi-dimensional parameter automatic debugging, 8 groups of pre-stored parameter libraries, one-time debugging, long-term availability

## [ 3-step automatic debugging ]

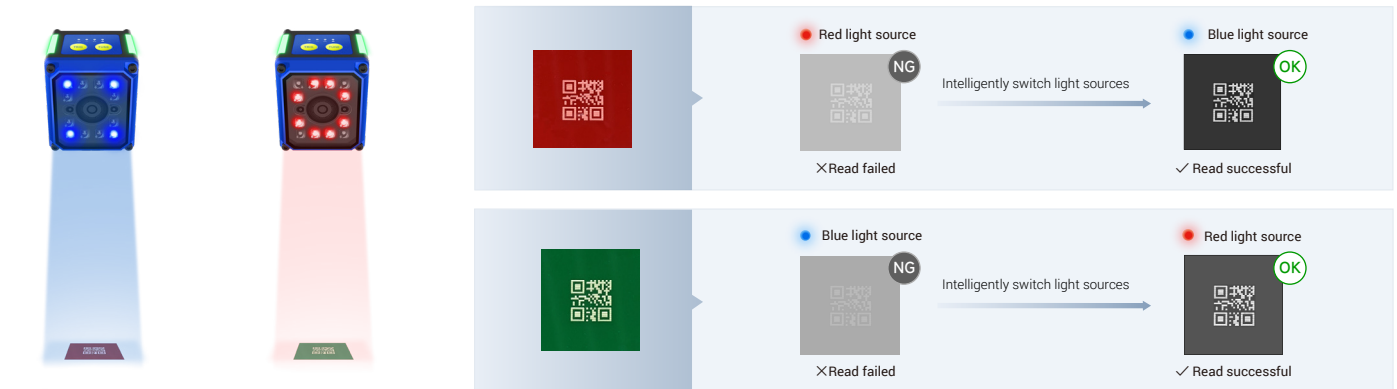


## [ Improve low-quality barcode reading ]



## [ Intelligent switching of red/blue light source ]

Automatically adapt barcodes to different background colors



## [ Recommended usage scenarios ]



- SMT line mobile code reading
- Assembly line picking/assembly code reading
- Electronic test fixtures
- Automation equipment integration, etc.

# X4 Product Specifications

## Receiver

sensor	CMOS image sensor with global shutter
Image pixels	1.3 million , 1280 x 1024

## Launcher

Lighting source	Red and blue LED
Sight	Laser two-point positioning sight Class II

## Focus adjustment

Focus adjustment	Autofocus
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## Read specifications

Supports 1D barcode types	Code128、GS1 128、Code39、Code93、codabar、Interlesved 2 of 5、EAN/UPC
Support 2D barcode type	QR、DataMatrix (ECC200) 、PDF417、Micro PDF417
resolution	1D: 3.3mil 2D: 2.0mil
Read distance	Adjustable from 50mm to 450mm
Field of view	distance 50mm: 21mm*17mm distance 100mm: 47mm*38mm distance 180mm: 77mm*61mm distance 310mm: 132mm*106mm distance 350mm: 149mm*119mm distance 450mm: 192mm*164mm

## Control inputs

Number of connection ports	2
Input type	Bidirectional voltage input
Maximum rating	30 V
Minimum ON voltage	< 4 V
Maximum OFF current	0.001A

## Control output

Number of connection ports	3
Input type	3 optocoupler outputs
Maximum rating	30V
Leakage current at OFF	0.1mA or lower
Residual voltage at ON	1V or lower

## Ethernet

Supported protocols	TCP/UDP
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## Serial communication

Transfer speed	115200/57600/38400/19200/9600 bps
Supported protocols	RS232/RS485

## USB

Communication standards	USB 2.0 Full Speed
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## Environmental resistance

Enclosure rating	IP65
Operating temperature	0°~50°C
Storage temperature	-20°C ~70°C
relative humidity	5% to 95% RH Non-condensing state
Storage ambient humidity	5% to 95% RH Non-condensing state
Ambient brightness	0~10000 lux
Working environment	No dust or corrosive gases

## rating

Supply voltage	10~30V DC
Current consumption	0.5 ~ 1.5A



Official Website:  
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