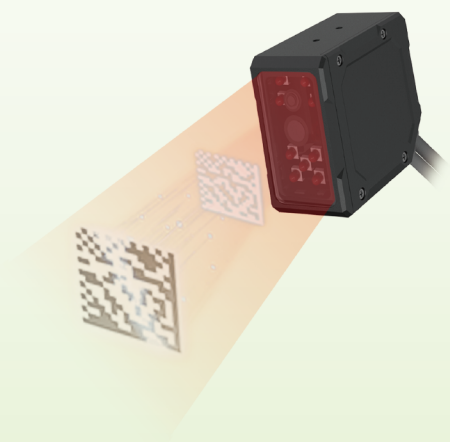


# Intelligent 1D/2D Barcode Reader XR-1500 Series



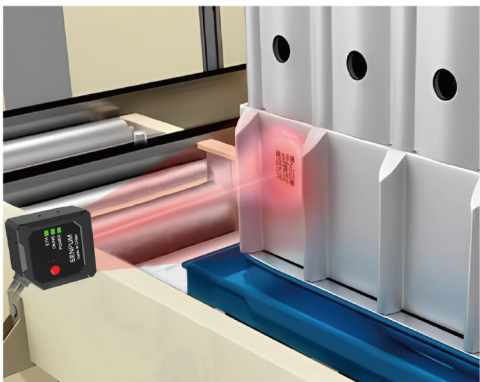
## Support auto focus, automatic parameter setting

Shorten the debugging time, quickly improve the efficiency of the production line.



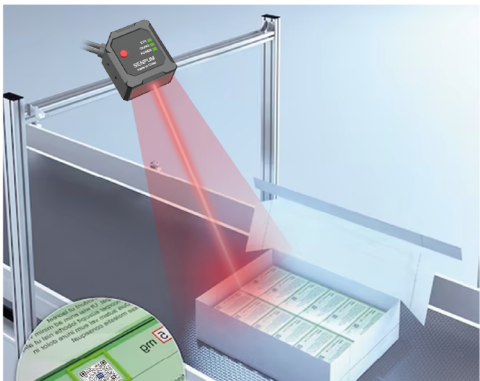
## Compact size, easy to use

Compact size, wider range of applications.



## IP65 protection, no fear of harsh industrial applications

Built-in new reading algorithms, can efficiently read barcodes and DPM codes of various code systems.



## Supports rich communication protocols

Rich IO interface, can access multiple inputs and signal outputs, support Ethernet, RS232 serial transmission protocol, standard Ethernet and industrial Ethernet bus protocol.

## Ask SENPUM

**+86-755-83330055**

## Fast Delivery Standard Models



Most products are in stock. Upon receiving your order, we will arrange prompt shipment to minimize your downtime-related costs and losses.



WeChat

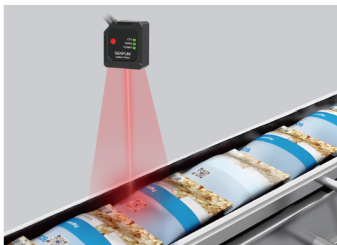


WhatsApp



LINE

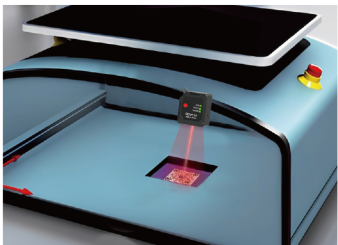
Applications



Read QR code information



Production process traceability



Reliable reading of QR code for raster positioning

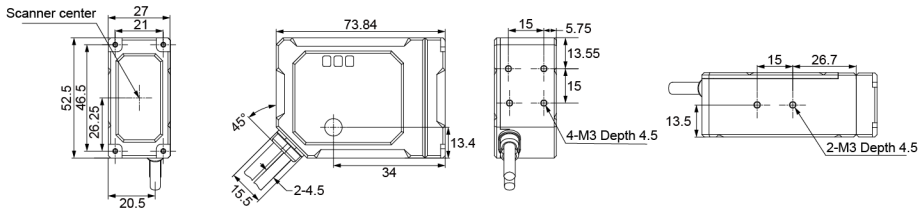
Specifications

| Main Unit               |                                          |                                                                                              |                 |                                              |
|-------------------------|------------------------------------------|----------------------------------------------------------------------------------------------|-----------------|----------------------------------------------|
| Model                   |                                          | XR-1500L                                                                                     | XR-1500S        | XR-1500C                                     |
| Number of pixels        |                                          | 1280 p (H) × 800 p (V)                                                                       |                 |                                              |
| Light source            |                                          | Red and white optional, 8 high brightness LEDs                                               |                 | External light source available as an option |
| Reading specifications  | Minimum resolution (mm)                  | 0.05                                                                                         | 0.08            | -                                            |
|                         | Field of view(mm)                        | Horizontal: 18°                                                                              | Horizontal: 35° |                                              |
|                         | Reading distance (mm)                    | 80–600                                                                                       | 50–350          |                                              |
|                         | Field range of view (at 300 mm distance) | 92 mm x 58 mm                                                                                | 185 mm x 115 mm |                                              |
| Area decoding           |                                          | Supports multiple ROI region decoding                                                        |                 |                                              |
| Communication interface | Serial                                   | RS232C, support no protocol, ModBus RTU protocol                                             |                 |                                              |
|                         | Ethernet                                 | 10/100 baseT, support TCP/IP, Modbus TCP, EthernetIP and other protocols                     |                 |                                              |
| Power supply            |                                          | 5 to 24 V DC ±10%                                                                            |                 |                                              |
| Literacy code system    | 2D                                       | PDF417, MicroPDF417, DataMatrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, Vericode etc.    |                 |                                              |
|                         | 1D                                       | Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Codabar, GS1 DataBar, UPC, EAN etc. |                 |                                              |
| Power consumption       |                                          | max. 3.5 W                                                                                   |                 | max. 2 W                                     |
| External input          |                                          | 1 opto-isolated input, support NPN, PNP access mode                                          |                 |                                              |
| External output         |                                          | 1 opto-isolated output, support NPN, PNP, switching control mode                             |                 |                                              |
| Ambient temperature     |                                          | Operating temperature:10 to 50 °C, Storage temperature: -20 to +70 °C                        |                 |                                              |
| Protection class        |                                          | IP65                                                                                         |                 |                                              |
| Housing material        |                                          | Aluminum                                                                                     |                 |                                              |
| Dimensions (L×W×H mm)   |                                          | 73.84 x 27 x 52.5                                                                            | 59 x 27 x 52.5  | 66.9 x 27 x 52.5                             |
| Weight                  |                                          | Approx. 220 g                                                                                | Approx. 190 g   | Approx. 100 g                                |

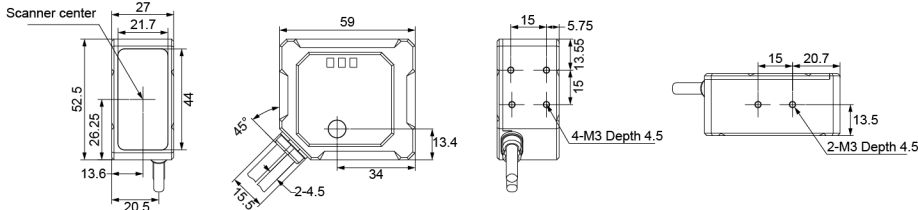
Dimensions

Unit: mm

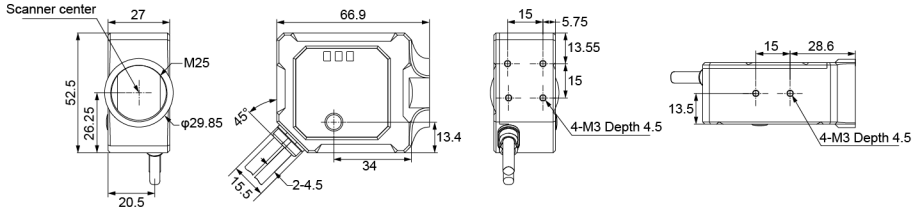
XR-1500L



XR-1500S



XR-1500C



Barcode Readers

XR-1000

XR-1500

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Proximity Sensors

Precision Contact Sensors

Area Sensors/ Safety Light Curtains

Laser Scanners

Digital Contact Sensors

Laser Displacement Sensors

Laser Micrometers

Confocal Displacement Sensors

Barcode Readers

AI Vision Sensors

RFID

Infrared Temperature Sensors

Pressure Sensors

Flow Sensors

Magnetic Sensors

Ultrasonic Sensors

Magnetic Scales

Static Eliminators

