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# SR-1000W

Automatic Focus Code Reader

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

## Specifications

| | | | |
|---|---|---|---|
| Model | | | SR-1000W |
| Type | | | Wide-field type |
| Receiver | Sensor | | CMOS Image Sensor |
| | Number of pixels | | 1280 × 1024 pixels |
| | Focus | | Autofocus*1 |
| Light emitter | Light source | | High intensity red LED |
| | Pointer light source | | High intensity green LED |
| Reading specifications | Supported symbol | 2D code | QR, MicroQR, DataMatrix (ECC200), GS1 DataMatrix, PDF417, Micro PDF417, GS1 Composite (CC-A, CC-B, CC-C) |
| | | Barcode | CODE39, ITF, 2of5 (Industrial 2of5), COOP 2of5, NW-7 (Codabar), CODE128, GS1-128, GS1 DataBar, CODE93, JAN/EAN/UPC, Trioptic CODE39, CODE39 Full ASCII, Pharmacode |
| | Minimum resolution | 2D code | 0.082 mm 0.003" |
| | | Barcode | |
| | Reading distance | | 50 to 600 1.97" to 23.62" |
| | Field of view for reading | | 257 × 206 mm 10.12" x 8.11" (Typical example at 400 mm 15.75") |
| I/O specifications | Control input | Number of Inputs | 2 |
| | | Input type | Bidirectional voltage input |
| | | Maximum rating | 26.4 VDC |
| | | Minimum ON voltage | 15 VDC |
| | | Maximum OFF current | 0.2 mA or less |
| | Control output | Number of Outputs | 3 |
| | | Output type | Photo MOS relay output |
| | | Maximum rating | 30 VDC |
| | | Maximum load current | 1 output : 50 mA or less, Total of 3 outputs : 100 mA or less |
| | | Leakage current when OFF | 0.1 mA or less |
| | | Residual voltage when ON | 1 V or less |
| | Ethernet | Communication standard | IEEE 802.3 compliant, 10BASE-T/100BASE-TX |
| | | Supported protocol | TCP/IP, SNTP, FTP, BOOTP, MC Protocol, Omron PLC link, KV STUDIO, EtherNet/IP™, PROFINET |
| | Serial communication | Communication standard | RS-232C compliant |

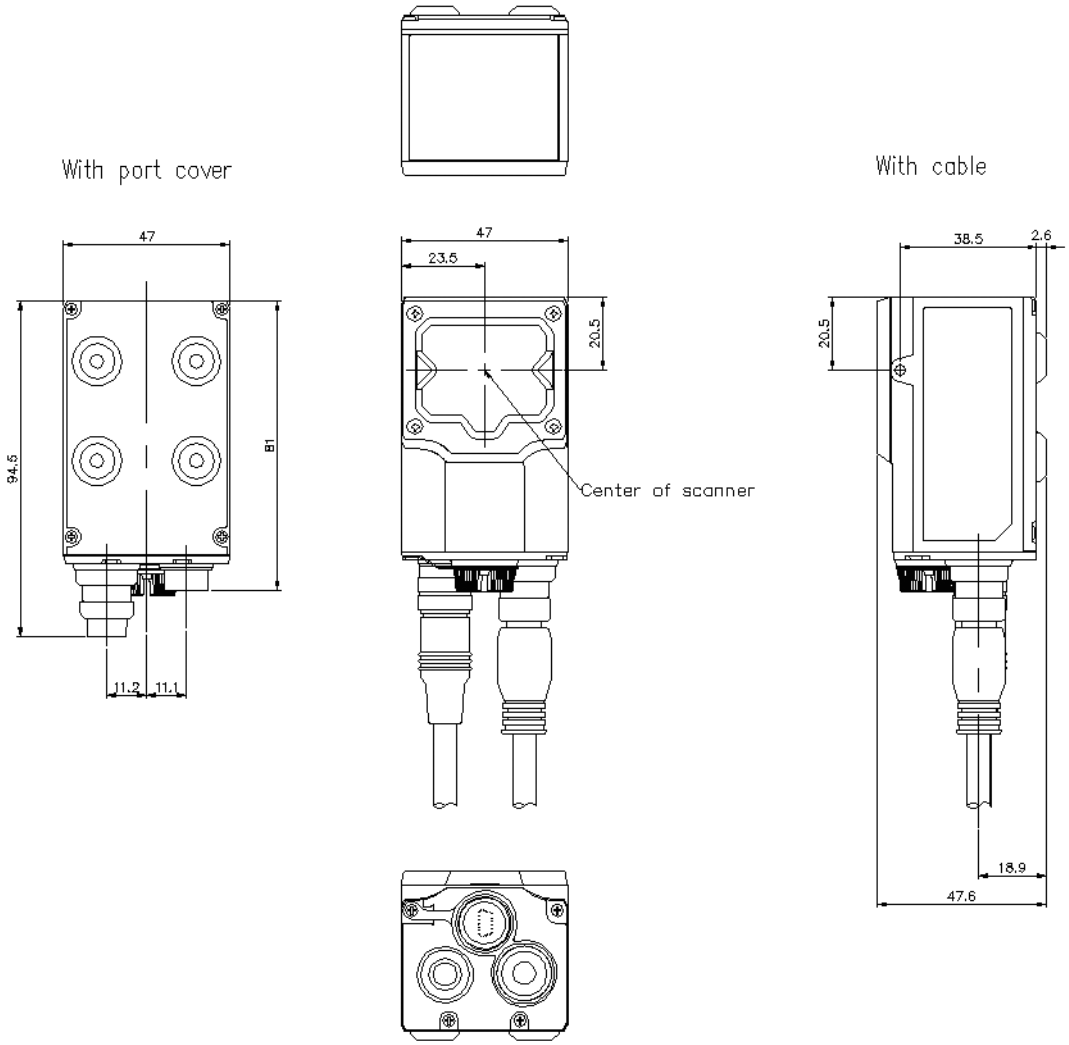
| | | | |
|---|---|---|---|
| | | Communication speed | 9600, 19200, 38400, 57600, 115200 bps |
| | | Supported protocol | No-protocol, MC Protocol, SYSWAY, KV STUDIO |
| | USB | Communication standard | USB 2.0 Full Speed compliant |
| Rating | Power voltage | | 24 VDC ±10 % |
| | Current consumption | | Approx. 700 mA |
| Environmental resistance | Enclosure rating | | IP65 |
| | Ambient light | | Sunlight: 10,000 lux, Incandescent lamp: 6,000 lux, Fluorescent lamp: 2,000 lux |
| | Ambient temperature | | 0 to +45 °C 32 to 113 °F |
| | Relative humidity | | 35 to 85 % RH (No condensation) |
| | Storage temperature | | -10 to +50 °C 14 to 122 °F |
| | Storage relative humidity | | 35 to 85 % RH (No condensation) |
| | Operating environment | | No dust or corrosive gases present |
| | Vibration resistance | | 10 to 55 Hz, Double amplitude 0.75 mm 0.030", 3 hours in each of the X, Y, and Z directions |
| Weight | | | Approx. 200 g |

*1 The focal position can be adjusted automatically during installation.

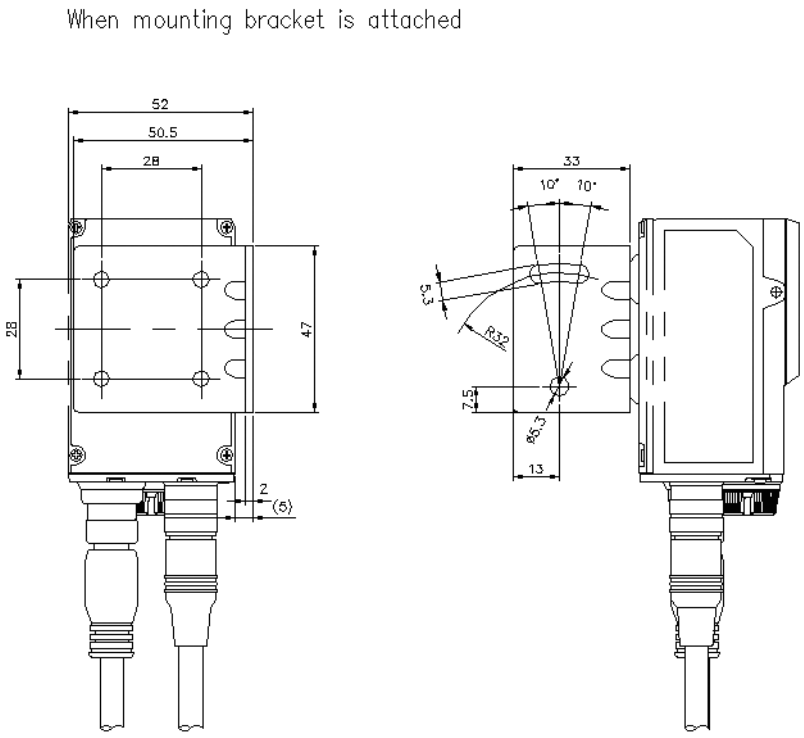
# Dimensions

* Download CAD file or product manual for larger image/text and more detail.

## sr-1000_1000w_4_dimension_01.gif



## SR-1000_1000W_dimension_02.gif



**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

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