

S2-IP Series

1.3MP High-end Ethernet Industrial Barcode Scanner



TCP Client, TCP Server,
Modbus TCP

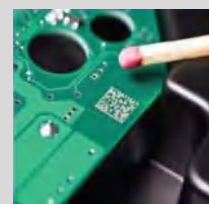
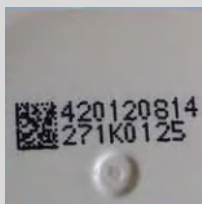
Product Description

S2-IP-series is a high performance, high reliability scanning gun for industrial application environment, with the advantages of fall resistance, waterproof and dustproof, holding strong, comfortable and not easy to fatigue.

Product Features

- Using 1280 * 1024 high resolution, high frame rate image sensor, can quickly identify the higher precision bar code;
- In line with the ergonomic design, Gun Type modeling, comfortable operation, long time operation is not easy to fatigue, in line with the product design in the industrial environment, more durable;
- Intelligent light source control, active memory and intelligent switching of the best decoding light source;
- **Built-in network port, and support RS232 serial port, can quickly replace the data cable support USB, namely plug and play is more convenient to use.**
- A high-performance code reading device with 130 pixel global shutter, designed for reading printed barcode, with good reading of high density barcode, dirt, defect and low contrast. Scan distance is far, scanning code fluency is high, has a very good versatility.

Identify Multiple Codes



Hand-held industrial bar code scanner

Application Scenarios



- > Production Workshop
- > Photovoltaic Product Manufacturing
- > Data center
- > Pharmaceutical
- > Papermaking
- > Electronics production workshop
- > Medical device
- > Storage logistics
- > Oil
- > Natural gas and chemical
- > Intelligent manufacturing
- > IC industry
- > Ship

| Product parameters | | | | |
|---------------------------|---------------------------------------|--|--|------------|
| scan function | pixel | 1280 Pixels(H) x 1024 Pixels(V) | | |
| | lighting | White complement light | | |
| | focusing | Laser cross | | |
| | Reading mode | Press-press scan, automatic induction scan, continuous scan | | |
| | Symbologies | 1D | UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 Code 32 , Code11 , Codabar ,Plessey , MSI , Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited Composite Code-A , Composite Code-B , Composite Code-C | |
| | | 2D | Data Matrix, QR Code, Micro QR, PDF 417, Micro PDF 417, Aztec, Maxicode, Dotcode, Hanxin code | |
| | Read accuracy | 1D : ×3 mil ; 2D : ×5 mil (HD) 2D : ×7 mil (SR) | | |
| | Typical reading depth | Barcode specifications | S2-IP-SR | S2-IP-HD |
| | | Q R (5mil) | nonsupport | 35mm~80mm |
| | | Code 39 (3mil) | 55mm~150mm | 30mm~120mm |
| Code 39 (5mil) | | 45mm~250mm | 20mm~200mm | |
| Data Matrix (5mil) | | 40mm~60mm | 40mm~70mm | |
| 100%UPCA (13mil) | | 40mm~500mm | 30mm~300mm | |
| Field of view Angle | Horizontal 43° (H), vertical 36° (V); | | | |
| Print contrast | ×20%(UPC/EAN 100% , PCS 90%) | | | |
| size | Appearance size | 178x 102 x 77 mm (Host) | | |
| electrical parameter | weight | About 150g (excluding cable) | | |
| | Communication interface | TCP Client, TCP Server, Modbus TCP, RS-232, (USB & Virtual COM Port Optional) | | |
| | Data wire | Straighten 2m, can be quickly disassembled, while supporting network port and RS232 serial port, Fast Ethernet (100mbit/S) | | |
| | Prompting mode | Buzzer, LED indicator light, vibration motor | | |
| | Working voltage | DC 9V~24V | | |
| | Working current | 300 mA ± 5% (typical), 400 mA ± 5% (maximum) | | |
| | Standby current | 100 mA ±5% | | |
| enviromental parameter | Working temperature | -20°C~+50°C | | |
| | Storage temperature | -40°C~+70°C | | |
| | Relative humidity | 5%~95% (No-condensation) | | |
| | electrostatic protection | ± 12 kV (air discharge), ± 8 kV (direct discharge) | | |
| | Fall height | 1.8 Meters | | |
| | levels of protection | IP65 | | |
| international attestation | FCC Part15 Class B, CE, EMC Class B | | | |

Contact Information



Shenzhen Rakinda Technologies Co., Ltd.

Tel: +86 18145816425

Email: contact@rakinda.com

WhatsApp: +8618145816425

Website: www.rakinda.com

Skype: Scanmax Rakinda

WeChat: +8618145816425

Add: 5F Bldg .A2.Lilang Software Park, No.31 Bulan Rd,
Longgang Dist, Shenzhen City, Guangdong Province, China