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HAV SOL **HAVI INFOSOL LLP**

Scanning With Durability

SOLUTION THAT

ENABLE YOUR TRUST



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SC-830 1D Laser Barcode Scanner

General

Havsol SC-830 is one of our handheld scanners with high decoding ability, which could easily read the damaged and substandard barcodes. It provides the most time-saving and efficient solution for supermarket, retail store, logistic and pharmacy systems.

Features

1. Excellent design with comfortable feeling
2. High decoding ability for easily reading damaged and substandard barcodes
3. Long scan depth of field
4. High performance for easily reading the low contrast barcodes
5. Provide stand for your option
6. Support universal keyboard language
7. OEM project is possible.

Technical Specifications

CPU	: 32Bits
Voltage	: DC 3.5-5.58V
Current	: 50mA (working); 25mA (standby); 100mA (peak),
Interface	: USB-HID, USB-UART, HID-POS, RS232, PS/2
Dimension	: 170mmL x 96mmW x 70mmH
Weight	: 175g
Light Source	: 650nm±10% VLD
Scan Depth of Field	: 0-750mm
Revolve Angle	: ±70° Left-right, ±70° Up-down
Print Contrast	: >=30%
Resolution	: >=4mil
Scan Rate	: 200 scans per second
Bit Error Rate	: 1/8 million
ESD Protect	: 15KV
Dustproof and Waterproof	: IP54
Operating Temperature	: -10°C ~ 50°C
Storage Temperature	: -20°C ~ 60°C
Humidity	: 5% ~ 95% RH (non-condensing)
Decode Type	: EAN/JAN-8,13 UPC-A; UPC-E; CODE-128; CODE-93; RSS-Standard, Limited, Expanded; CODE-39; Inter-Leaved 2/5 Standard 2/5; Matrix 2/5; Industrial 2/5; China-Post; MSI; MSI-PLESSEY; CODE-BAR; CODE-11
Accessories:	: Scanner, Manual, Cable, Neutral Packing Box



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SC-2018 2D Barcode Scanner

General

Havsol SC-2018 2D barcode scanner, computerized image recognition system, brings about a new era of 2D barcode decoding engines.

Features

- *2D barcode decoder Chip
The engine armed with the state-of-the-are 2D barcode decoder chip demonstrates unprecedented reading performance.
- *High Performance & Ultra-low Power Consumption
The scanner can read 1 D and 2 D bar codes with a power consumption only one fourth that of a traditional scanner.
- *All-Round Scanning Capability
It can read barcodes on virtually and medium-paper, plastic cards, mobile phones and LCD displays.

Specifications

Image Sensor	: 752x480 CMOS
Illumination	: Red LED 652±10nm
Symbologies	: PDF 417,Data Matrix(ECC200,ECC000,050,080,100 140),QR Code
	: Code 128, EAN-13, EAN-8, Code 39, UPC-A,UPC-E, Codebar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, 1D : Code 93, UCC/EAN-128, GS 1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey,etc.
Reading Precision	: ≥5mil
	: EAN 13(13mil) : 55mm-320mm
	: PDF 417(6.67mil) : 70mm-155mm
Depth of Field	:
	: Data Matrix(10mil) : 55mm-175mm
	: QR Code(15mil) : 40mm-160mm
Symbol Contrast	: ≥30% reflectance difference
Scan Angle	: Roll:360°. Pitch:±55°, Skew:±55°
Field of View	: Horizontal 36°, Vertical 23°

Performance



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Technical Specifications

Havsol SC-7130 is one of our Omnidirectional Scanner with compact size and excellent design, which could read the barcode in any direction and suitable for conditions that requires high decoding ability and performance. Its durability makes it ideal for any retail systems environment.

Features

1. 6 directions scan field with 24 scan lines and 2000 scans per second;
2. Reading all ID standard barcodes includes GSI Databar;
3. Its high decoding ability make it easy for reading of damaged and substandard barcodes;
4. Automatic sleep and wake-up mode which saves power and improve the life time;
5. Compact size which is customer's best choice for OEM project

SC-7130 1D Omnidirectional Laser Barcode Scanner

Specifications

Scan Mode	: All direction , 24 lines (Automatic continuous scanning)
Indicator	: Beeper and LED (stand by red, good read green)
Read Rate	: 2000 scans/sec
Rotate Camera	: 1±36°
Transfer Rate	: RS232baudrate: 2400-38400
Resolution	: 5mil
Depth Of Field	: up to 230mm @ 13mil
Light Source	: 650nm ± 10nm visible laser diode
Print Contrast	: Above 30% Black
Interface	: USB-HID, USB-UART, PS/2, Rs232
Decode Type	: UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code39, CODABAR : Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Code128, Code93, Code11 MSI/PIESSEY, UK/PLESSE, UCC/EAN128, China Postage



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General

Havsol SC-830G is one of our wireless scanners with 2.4G wireless transmission, suitable for small retail environment which require short operation distance.

Features

1. Short operation distance with low bit error;
2. Provide different channels for choice;
3. Mini wireless receiver easy to be carried;
4. Battery could be easily removed by user with patented battery structure;
5. Micro USB interface could be easily charged by any charger

SC-830G Barcode Scanner

Specifications

Transmission Type	: 2.4G wireless transmission
Transmission range	: 20-30 meters open space
Pairing ability	: Base supports up to 4 scanners
Storage ability	: Stores up to 4,000 barcode data.

Transmit Performance

Scan Performance

Scan Mode	: Automatic, Manual
Indicator	: Beeper and LED(stand by red and good read green)
Read Rate	: 200 scans/sec
Transfer Rate	: RS232baudrate: 2400-38400
Resolution	: 4mil
Resolve Angle	: ±70° Left-right, ±70° Top-down
Scan Depth Of Field	: 0-550mm
Bit Error Rate	: 1/8 million
Print contrast	: Above 30% Black
Scan width	: 5mm-30cm
Decode Type	: UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code39, CODABAR, Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Code128, Code,93, Code11, MSI/PIESSEY, UK/PLESSEY, UCC/EAN128, China Postage



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SC-2018 1D Laser Barcode Scanner

General

Havsol SC-2018 is one of our handled barcode readers with manual and auto-sensor mode of your choice, its high cost-effective performance makes it ideal for supermarkets, retail store, logistic and pharmacy systems.

Features

1. Sharp design with comfortable feeling in hand
2. High decoding ability and high performance
3. High reading ability with auto-sensor mode
4. Support universal keyboard language
5. OEM project is welcomed

Technical Specifications

CPU	: 32Bits
Voltage	: DC 3.5-5.5V
Current	: 50mA (working); 25mA (standby); 100mA (peak)
Interface	: USB-HID, USB-UART, HID-POS, Rs232, PS/2
Dimension	: 170mmL x 96mmW x 70mmH
Weight	: 175g
Light Source	: 650nm±10% VLD
Depth of Field	: 0-100cm
Revolve Angle	: ±70° Left-right, ±70° Up-down
Print Contrast	: >=30%
Resolution	: >=4mil
Scan Rate	: 200 scans per second
Bit Error Rate	: 1/8 million
ESD Protect	: 15KV
Dustproof And Waterproof	: Ip54
Operating Temperature	: -10° ~ 50°
Storage Temperature	: -20° ~ 60°
Humidity	: 5% ~ 95% RH (non-condensing)
Decode Type	: EAN/JAN-8,13 UPC-A; UPC-E; CODE-128; CODE-93; RSS-Standard 2/5; Limited, Expanded; CODE-39; Inter-Leaved 2/5; Standard 2/5; Matrix 2/5; Industrial 2/5; China-Post; MSI; MSI-PLESSEY; CODE-BAR; CODE-11
Accessories	: Scanner, Manual, Cable, Neutral, Packing Box



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SC-830W 1D 433MHz Wireless Laser Barcode Scanner

General

Havsol SC-830W is one of our wireless scanners with 433MHz long distance transmission, which provide industrial use and charge point, high reliability and durability which make it ideal choice for warehouse and logistics for harsh environments.

Features

1. High transmission ability and high performance under the wireless interference conditions;
2. Provide different channels for choice;
3. High durability with large battery capacity;
4. Large memory makes it possible in storing more barcodes in inventory mode;
5. Provide industrial use and charge point with high reliability.

Specifications

Frequency Band	: 433MHz ISM band
Transmission range	: 200 to 300 meters open space
Pairing ability	: Base supports up to 20 scanners
Memory	: can save over 2,000 scans(calculated @ when length of barcode<15Bytes)

Transmit Performance

Scan Performance

Scan Mode	: Manual, Automatic
Indicator	: Beeper and LED (good read blue and one beep)
Read Rate	: 200 scans/sec
Transfer Rate	: Rs232baudrate: 2400-38400
Resolution	: 4mil
Resolve Angle	: ±70° Left-right, ±70° Top-down
Scan Depth Of Field	: 0-55mm
Bit Error Rate	: 1/8 million
Print contrast	: Above 30% Black
Scan width	: 5mm-30cm
Decode Type	: UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code39, CODABAR, Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Code128, Code,93, Code11, MSI/PIESSEY, UK/PLESSEY, UCC/EAN128, China Postage