



IH-1300 *Handheld High-Speed Laser Scanner*

IH-2300 *Handheld 2D Image Scanner*

- Multiple code format support
- Superior scanning performance
- High-performance for quick and accurate reads
- Intelligent and Industrial housing design
- Easy integration with reliability and durability
- Flexible communications



IH-1300 / IH-2300

Handheld High-Speed Scanner

IH-1300 is the single-line laser scanner that offers a reading rate of over 500 scans per second, equipped with multi-interface communication, the IH-1300 has an impressive scanning performance with competitive price that ensure hassle-free integration into virtually any retail environment.

IH-2300, a scanner for decoding one- and two-dimensional barcode symbologies, is designed to upgrade everyone's productivity, and broaden the applications widely with 2D barcode scanning capability. For shipping industry, hospital, warehouse, factory, supermarket, to government administration, the IH-2300 manages heavy and complex services accurately and efficiently.

IH-1300 Specifications

OPERATIONAL

Aiming Element	650 nm visible laser diode
Depth of Field	35 - 215 mm @100% UPC/EAN, PCS 90%
Scan Angle	52°
Scan Rate	500 scans per second
Pitch / Roll / Skew Angle	65° / 30° / 65°
Minimum Bar Width	5mil @ PCS 90%, Code 39
Print Contrast	30% @ UPC/EAN 100%
System Interfaces	Keyboard, RS-232C, USB 1.1, wand

PHYSICAL

Dimensions	(L)155.0 × (W) 58.0 × (H)106.7mm
Weight	148 g
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ± 10%
Power Consumption	1.0 watts
Operating Current	Max. 200 mA @ 5V

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825 Class 1
EMC	CE EN55022, B, FCC Part 15 Class A, VCCI, BSMI

ENVIRONMENTAL

Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 90% RH (no dewing allowed)
Light Levels	Max. 4,500 Lux (fluorescence)

DECODING CAPABILITY

1D Barcodes	UPC/EAN/JAN, UPC/EAN with supplementary, JAN 8 & JAN 13, ISBN/ISSN, Japanese Bookland EAN, Code 39, Code 39 with full ASCII, trioptic Code 39, Codabar (NM7), Code 128 with full ASCII, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32
Options	Industrial 2 of 5, Standard 2 of 5, Discrete 2 of 5, Matrix 2 of 5, Code 11, UPC/EAN RSS. RSS ariants

IH-2300 Specifications

OPERATIONAL

Aiming Element	650 nm visible laser diode (VLD)
Illumination Element	635 nm visible LED
Optical System	640×480 pixels (VGA type CCD)
Field of View	32.2° (horizontal); 24.5° (vertical)
Sensitivity	360° (omnidirectional rotational sensitivity)
Resolution	6.67 mil (PDF 417), 5 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (green & red)
Programmable Operation	Power mode, beeper tone, focus control, image control & trigger mode
Image Format	BMP(*.bmp), TIFF(*.tif), JPEG(*.jpg)
System Interfaces	RS-232C, USB 1.1

PHYSICAL

Dimensions	(L)155.0 × (W) 58.0 × (H)106.7 mm
Weight	148 g
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ± 5%
Power Consumption	1.5 watts
Operating Current	350 mA

REGULATORY

EMC	CE & FCC DOC compliance
------------	-------------------------

ENVIRONMENTAL

Operating Temperature	-20°C – 40°C (-4°F – 104°F)
Storage Temperature	-40°C – 70°C (-40°F – 158°F)
Humidity	5% – 95% RH (non-condensing)
Light Levels	Max. 100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.2M drops