

General Description

Datalogic Scanning is proud to introduce the Heron™ G, the new Datalogic Scanning handheld reader developed to provide high performance with an appealing design. The result is a gun shaped reader that is compact, robust, easy to handle and lightweight. Its simplicity of use and ergonomics make it suitable for retail, commercial and office applications.

The Heron™ G is based on Datalogic Scanning's core technology, CCD, which is unsurpassed for reading in retail applications.

The CCD reader is also provided with a green spot (Datalogic Scanning patent) guaranteeing good reading feedback directly on the code, which is very useful in noisy environments.

A single multi-interface model (Wedge, USB, RS-232 and Wand Emulation) provides flexibility and full compatibility with the different systems by simply replacing the plug-in cables.

The Heron™ G, like all the Datalogic Scanning bar code readers, has undergone a variety of tests to assure that it can withstand daily use in standard operating environments. The tests done in Datalogic Scanning's research departments and quality assurance laboratories result in a reader that is long lasting and meets all the requested quality standards in the market.

In addition, Heron™ G reads GS1 DataBar™(RSS), an newer symbology that can be printed on smaller labels, meeting emerging market needs for a larger amount of data on a single code.

Features

- > Datalogic Scanning "Green Spot"
- > Single multi-interface model: USB, RS-232, Wedge and Wand Emulation
- > Rugged and reliable
- > Complete set of accessories
- > GS1 DataBar™(RSS) decoding capability
- > Sunrise 2005 Compliant

Applications

- > Office Automation/Document Handling
- > Manufacturing/Shop Floor
- > Distribution & Retail



CCD Reader

Specifications

ELECTRICAL CHARACTERISTICS

POWER SUPPLY	5VDC \pm 5%, directly from the PC
CONSUMPTION	Max. 180 mA
	Operating mode 155 mA
	Sleep mode 120 uA
	USB suspend mode 350 uA

MECHANICAL CHARACTERISTICS

WEIGHT	195 g / 6.9 oz (without cable)
DIMENSIONS	173 x 92 x 71 mm / 6.8 x 3.6 x 2.8 in
CASE MATERIAL	ABS and Polycarbonate, co-molded rubber
CABLE LENGTH	2 m / 6.56 ft; USB 1.8 m / 5.91 ft

PERFORMANCE

LIGHT SOURCE	640 nm visible red LED
SENSOR	CCD solid state (2048 pixels)
SCANNING SPEED	256 scans/sec
READING ANGLE	Pitch \pm 75°; Skew \pm 70°; Rotation 30°
READING FIELD	See diagram
MAX. RESOLUTION	0.1 mm
BAR CODES READ	2/5 family, Code 39 (più Code 32, Cip 39), EAN/UPC, ISBN/ISSN, EAN 128, Code 128, ISBT 128, Code 93, Code 11, CODABAR, IATA, TELEPEN, PLESSEY, Code MSI, Code Delta IBM, Code 16K, Code 49, GS1 DataBar™ (RSS)

PCS (min.)	15% (Datalogic Scanning Test Chart)
READING INDICATORS	LED, Good read spot, Beeper
PROGRAMMING METHOD	
Manual	Reading special bar codes
Automatic	S/W commands through the serial port (with RS-232)
DLSm@rtSet™	Windows configuration program
INTERFACES	RS-232, USB, Wedge PC (XT, AT, mini-din PS/2) and Wand Emulation

ENVIRONMENT

AMBIENT LIGHT CONDITIONS	Up to 100,000 lux
OPERATING TEMP.	0 ° to 55 °C / 32 ° to 131 °F
STORAGE TEMP.	-20 ° to 70 °C / -4 ° to 158 °F
HUMIDITY	0 to 90% non condensing
DROP RESISTANCE	Resists repeated drops from 1.8 m/ 5.91 ft onto a concrete surface
PROTECTION CLASS	IP30

Accessories



SPC Heron™ G and STD Heron™ G

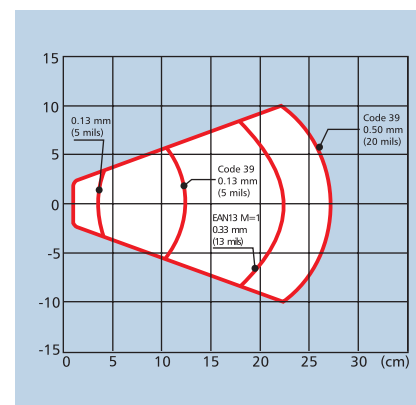
Stand

The stand for the Heron™ G allows the operator to use it as a presentation scanner.

Desk/Wall Holder

The desk/wall holder permits complete flexibility and ease of use in environments where the work space is extremely limited.

Reading Diagram



Standard reading area (10° skew angle)



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