heron™ G

CCD Gun™

General Description

Datalogic is proud to introduce the Heron™ G, the new Datalogic hand-held 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's core technology, CCD, which is unsurpassed for reading in retail applications.

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

A single multi-interface model (Wedge, USB, RS232 and Wand) provides flexibility and full compatibility with the different systems by simply replacing the plug-in cables.

The Heron™ G, like all the Datalogic barcode readers, has undergone a variety of tests to assure that it can withstand daily use in standard operating environments. The tests done in Datalogic'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 Reduced Space Symbology (RSS), an emerging symbology that can be printed on smaller labels, meeting emerging market needs for a larger amount of data on a single code.

Features

> Datalogic "Green Spot"
> Single multi-interface model: USB, RS232, Wedge and Wand
> Rugged and reliable
> Complete set of accessories
> RSS-14 decoding capability
> Sunrise 2005 Compliant

Applications

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

Specifications

ELECTRICAL CHARACTERISTICS

POWER SUPPLY	5VDC ±5%, directly from the PC
CONSUMPTION	Max.

	Max.	180 mA
	Operating mode	155 mA
	Sleep mode	120 uA
	USB suspend mode	350 uA

MECHANICAL CHARACTERISTICS

WEIGHT	195 g (without cable)
DIMENSIONS	173 x 92 x 71 mm
CASE MATERIAL	ABS and Polycarbonate, co-molded rubber
CABLE LENGTH	2 m; USB 1.8 m

PERFORMANCE

LIGHT SOURCE	640 nm visible red LED
SENSOR	CCD solid state (2048 pixels)
SCANNING SPEED	256 scans/sec
READING ANGLE	Pitch ± 75°; Skew ± 70°; Rotation 30°
READING FIELD	See diagram
MAX. RESOLUTION	0.1 mm
BAR CODES READ	RSS, 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

PCS (min.)	15% (Datalogic Test Chart)
READING INDICATORS	LED, Good read spot, Beeper

PROGRAMMING METHOD

Manual	Reading special barcodes
Automatic	S/W commands through the serial port (with RS232)
DLSm@rtSet™	Windows configuration program
INTERFACES	RS232, USB, Wedge PC (XT, AT, minidin PS/2) and Wand

ENVIRONMENT

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

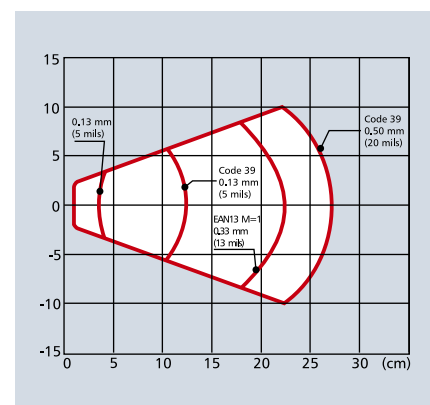# Accessories

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)