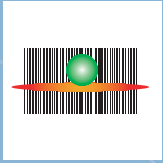


heron

Instinctive  
Reader



## General Description

The new Heron™ has been developed by Datalogic in order to satisfy all requirements at the POS, providing high performance and an innovative design suitable for small retail POS applications.

The new Heron™, based on the "INSTINCTIVE READING DISTANCE" concept (from near contact to 23cm), includes the "green spot" (Datalogic patent application), which provides "good reading" feedback directly on the code, where the user usually tends to be looking.

The stand included in the package allows the reader to be used in a hands-free mode. If placed correctly in the stand, the reader beeps and automatically switches to hands-free mode. In this mode, the green spot remains on to show the operator where to position the code under the Heron™ for quicker and intuitive reading. As a result, Heron™ is effective as a hand-held reader and presentation scanner.

Heron™ also provides full connectivity: three models are available with different interface sets. Besides the standard D130 multi-interface model (RS232, USB, WEDGE & WAND), other models are also available: the D110 model, which provides complete connectivity to main IBM cash registers and POS terminals, and the D140 model performs undecoded reader applications.

In addition, Heron™ reads Reduced Space Symbologies (RSS), an emerging symbology that can be printed on a smaller label, which meets emerging market needs for a greater amount of data on a symbol guaranteeing investment protection.

## Features

- > Datalogic "Green Spot"
- > Intuitive aiming in hands-free applications
- > Stand included in the package
- > Complete data formatting and data editing
- > Firmware upgrading
- > RSS-14 decoding capability
- > Several models available

## Applications

- > Data capture in retail and office environments
- > Suitable for residential environments or wherever the instinctive reading distance is preferred



## Specifications

### ELECTRICAL CHARACTERISTICS

POWER SUPPLY	5VDC +- 5%	
CONSUMPTION	Maximum	180 mA
	Operating	155 mA
	Sleep mode	120 uA
	USB suspend mode	350 uA

### MECHANICAL CHARACTERISTICS

WEIGHT	About 160 g. (5.65 oz.) (without cable)
CASE MATERIAL	ABS and Polycarbonate, plus co-moulded rubber
CABLE LENGTH	2 m (6.1 ft.); USB 1.8 m (5.91 ft.)

### PERFORMANCE

LIGHT SOURCE	Visible red LED
SENSOR	CCD solid state (2048 pixels)
MAX. SCAN RATE	256 scans/sec
READING FIELD	EAN13 M=1 (0,33mm) max distance = 21 cm
MAX. RESOLUTION	0.1 mm ( about 4 mils )
PCS	min. 15% (Datalogic Test Chart)
READING INDICATORS	LED, Good Read Spot, Beeper
READABLE BAR CODES	2/5 family, Code39 (plus Code32, Cip39),EAN/UPC, EAN128, Code 128, Code 93, CODABAR, TTELEPEN,PLESSEY, Code 49, Code MSI, Code Delta IBM, Code 11, CODABLOCK, Code 16K, ISBN/ISSN, ISBT128, RSS variants

### PROGRAMMING METHOD

<i>Manual</i>	Reading special barcodes
<i>Automatic (with RS232)</i>	S/W commands through the serial port
<i>DLSm@rtSet</i>	Windows configuration program

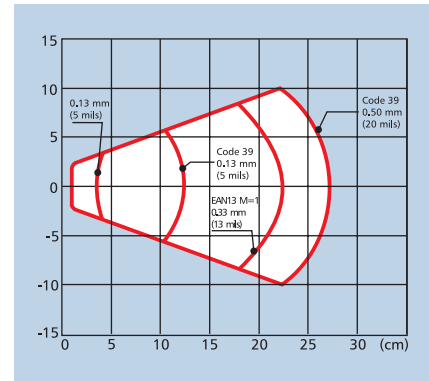
### INTERFACES

<i>Heron D130</i>	RS232, USB, Wedge & Wand
<i>Heron D110</i>	RS232 & IBM46xx
<i>Heron D140</i>	LASER/OUTPUT

### ENVIRONMENT

AMBIENT LIGHT CONDITIONS	Up to 100,000 lux
WORKING TEMPERATURE	0 °C to +55 °C
STORAGE TEMPERATURE	-20 °C to +70 °C
HUMIDITY	90% non condensing
DROP RESISTANCE	Withstands 2 m drops onto a concrete surface
PROTECTION CLASS	IP30

## Reading Diagram



Reading Diagram

## Accessories



Stand

