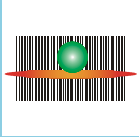




Instinctive reader

DATALOGIC
Your Life. Our Enthusiasm™



Hand-Held Readers

General Description

The 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 Heron™, based on the "INSTINCTIVE READING DISTANCE" concept (from near contact to over 20 cm), 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 hands-free mode. If placed correctly in the stand, the reader beeps and automatically switches to hands-free mode. The green spot remains on to show the operator where to position the code under the Heron™ for quick and intuitive reading. As a result, Heron™ is effective as a hand-held reader and presentation scanner.

The Heron™ also provides full connectivity. Three models are available with different interface sets: the standard D130 multi-interface model (RS232, USB, WEDGE & WAND), the D110 model, providing complete connectivity to main IBM cash registers and POS terminals, and the D140 model, which performs undecoded reader applications. The Heron™ D150 EAS is the latest addition, providing an integrated EAS antenna and special EAS cables, for ease of connection and compatibility with Nedap and Checkpoint EAS systems, guaranteeing EAS tag deactivation and barcode reading in one smooth motion.

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

- > Several models available
- > Intuitive aiming in hands-free applications
- > Datalogic "Green Spot"
- > Stand included in the package
- > Complete data formatting and data editing
- > RSS-14 decoding capability
- > Sunrise 2005 Compliant

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, Code 39 (plus Code 32, Cip 39),EAN/UPC, EAN128, Code 128, Code 93, CODABAR, TELEPEN, PLESSEY, Code 49, Code MSI, Code Delta IBM, Code 11, 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 |

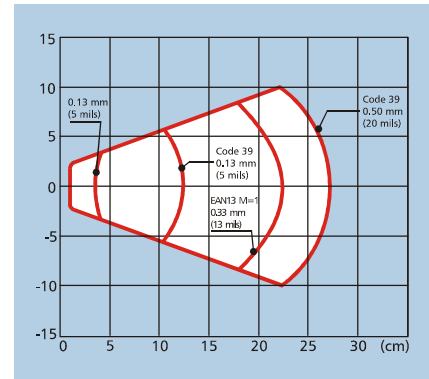
MODELS/INTERFACES

| | |
|-------------------|--------------------------|
| <i>Heron D130</i> | RS232, USB, Wedge & Wand |
| <i>Heron D110</i> | RS232 & IBM46xx |
| <i>Heron D140</i> | LASER/OUTPUT |
| <i>Heron D150</i> | EAS connectivity |

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 1.8 m drops onto a concrete surface |
| PROTECTION CLASS | IP30 |

Reading Diagram



Standard Reading Zone (10° skew angle)

Accessories



STD Heron™ Hands-Free Stand with optional metal plate