



## On-Counter Presentation Linear Imager Bar Code Reader

The Heron entry-level presentation readers are packed with features to delight any user. Ideal for instinctive reading distance applications (near contact to over 20 cm / 8 in) at the retail point of sale (POS) or office applications, the Heron readers provide high performance in an innovative design package.

Perfect for use as both a handheld and a presentation style reader, all Heron models are lightweight and ergonomically shaped for handheld use and include an auto-sensing stand in the package. Removed from the stand the reader switches to handheld mode, placed correctly in the stand, the reader beeps and automatically switches to Stand Mode (hands-free) for presentation reading.

Developed to satisfy all requirements at the POS, the Heron series of readers are available with different interface sets: the standard D130 multi-interface model (RS-232, USB, Wedge and Wand Emulation); the D110 model, providing complete connectivity to main IBM cash registers and POS terminals; the D140 model, which

performs undecoded reader applications; and the D150 EAS model which has 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 code reading in one smooth motion.

All Heron readers feature Datalogic's exclusive patented 'Green Spot' for good read feedback directly on the code. In Stand Mode, the Green Spot remains on to show the operator where to position the code for quick and intuitive reading.



## Features

- Handheld and hands-free operation
- Accurate and high first-pass read rates
- Complete data formatting and editing
- Datalogic patented 'Green Spot' for good-read feedback
- Supports GS1 DataBar™ linear codes
- Several interface models available
- Nedap and Checkpoint Systems EAS compatible model



## Specifications

### DECODING CAPABILITY

1D / LINEAR CODES Autodiscriminates all standard 1D codes including GS1 Databar™ linear codes

### ELECTRICAL

CURRENT Operating (Typical): 155mA @ 5 VDC  
Standby/Idle (Typical): < 500 µA @ 5 VDC

INPUT VOLTAGE 5 VDC +/- 5%

### ENVIRONMENTAL

AMBIENT LIGHT 0 - 100,000 lux

DROP RESISTANCE Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface

ESD PROTECTION (AIR DISCHARGE) 16 kV

HUMIDITY (NON-CONDENSING) 90%

PARTICULATE AND WATER SEALING IP30

TEMPERATURE Operating: 0 to 55 °C / 32 to 131 °F  
Storage/Transport: -20 to 70 °C / -4 to 158 °F

### INTERFACES

Keyboard Wedge: D130; RS-232: D130; RS-232 / IBM 46XX: D110, D150;  
Undecoded Laser Output: D140; USB: D130; Wand: D130

### OPTIONAL FEATURES

EAS FEATURES Checkpoint Systems: D150

### PHYSICAL CHARACTERISTICS

COLORS AVAILABLE Dark Grey

DIMENSIONS 15.2 x 15.3 x 6.8 cm / 6.0 x 6.0 x 2.7 in

WEIGHT 160.0 g / 5.6 oz

### READING PERFORMANCE

IMAGER SENSOR CCD Solid-state 2048 pixels

LIGHT SOURCE Illumination: Red LED 640 nm

PRINT CONTRAST RATIO (MINIMUM) 15%

READ RATE (MAXIMUM) 256 reads/sec.

READING ANGLE Pitch: 75°; Roll (Tilt): 30°; Skew (Yaw): 70°

READING INDICATORS Beeper; Datalogic 'Green Spot' Good Read Feedback; Good Read LED

RESOLUTION (MAXIMUM) 0.100 mm / 4 mils

### READING RANGES

TYPICAL DEPTH OF FIELD Minimum distance determined by symbol length and scan angle.  
Printing resolution, contrast, and ambient light dependent.

5 mils: 3.0 to 11.0 cm / 1.2 to 4.3 in

7.5 mils: 1.0 to 14.0 cm / 0.4 to 5.5 in

10 mils: 0.5 to 18.0 cm / 0.2 to 7.0 in

13 mils: 1.0 to 22.5 cm / 0.4 to 8.8 in

20 mils: 1.0 to 27.0 cm / 0.4 to 10.5 in

### SAFETY & REGULATORY

AGENCY APPROVALS The product meets necessary safety and regulatory approvals for its intended use.  
The Quick Reference Guide for this product can be referred to for a complete list of certifications.

ENVIRONMENTAL COMPLIANCE Complies to China RoHS; Complies to EU RoHS

LED CLASSIFICATION IEC 60825 Class 1 LED

### UTILITIES

DATALOGIC ALADDIN™ Datalogic Aladdin configuration program is available for download at no charge

OPOS / JAVAPOS JavaPOS Utilities are available for download at no charge  
OPOS Utilities are available for download at no charge

### WARRANTY

5-Year Factory Warranty



#### Mounts/Stands

- 90ACC1874 Hands Free Stand (STD-HERON) for Heron
- 90ACC1875 PLATE, Metal Plate for Hands Free Stand (STD-HERON)

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