Linear Imager Bar Code Reader

The Heron entry-level 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

GS1 | aladdin® | GREEN SPOT | DATALOGIC 5 YEAR WARRANTY

◆DATALOGIC™

Specifications

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes
STACKED CODES	GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

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)

www.scanning.datalogic.com