HERON™ HD3430

DATALOGIC

PERFORMANCE WITHOUT COMPROMISE

The Heron HD3430 2D area imager brings unmatched elegance along with the latest advanced 2D reading technology to the modern point-of-sale. The stylish silhouette of the new 2D area imager enriched with multiple color changing lights, innovative and modern design material, together with the audio speaker, amplifies the customer's brand experience at the point-of-sale.

NOW WITH 2D AND IMAGE CAPTURE

The Heron HD3430 2D area imager provides outstanding reading performance on 1D and 2D codes as well as image capture capabilities. Featuring the market's most efficient aiming and illumination systems, the Heron HD3430 2D area imager guarantees the operator's best suitability combined with an outstanding all-codes reading capability.

BEAUTY AND BRAND IDENTITY

The Heron HD3430 2D area imager differs from the usual color scheme of handheld devices by providing a stunning 'black' or 'white' color option, emphasizing the curving lines of the new enclosure. Additionally, the Heron imager features in-mold decorated top covers with a choice of 'Carbon Fiber' or 'Silver' design. This imager also offers opportunities to incorporate a company brand identity by allowing customers to compose the perfect blend: combining a company logo with the top cover color with customized visual and audio feedback in order to reinforce the value of the customer's brand.

The HD3430 2D area imager is a fusion of the features your business needs, the fashionable style customers will love, the enticing allure of light and sound now with a full 2D reading capability.



FEATURES

- Outstanding reading performance on 1D, 2D, postal codes, stacked and composite codes
- Innovative and unique design raises the bar for a cutting-edge POS checkout experience
- In-mold decorated top cover with 'carbon-fiber' or 'silver' look
- Multiple changing color LEDs on sides and top
- Polyphonic speaker for a wide variety of choices regarding audio feedback
- Easily customized with logo, top cover, visual and audio feedback
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Automatic switching between handheld and hands-free operations
- Efficient illumination and aiming system
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Retail: Point of Sale for Fashion and Specialty Stores

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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code, Aztec Mesas, Data Matrix, MaxiCode, QR Code, Micro QR Code, China Han Xin Code
POSTAL CODES	Australian Post, British Post, Canadian Post, China Post, Japanese Post, KIX Post, Korea Post, Planet Code, Postnet, Royal Mail Code (RM4SCC)
STACKED CODES	EAN/JAN Composites, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, MacroPDF, MicroPDF417, PDF417, UPC A/E Composites

ELECTRICAL

AC POWER REQUIREMENTS	Power Consumption: Operating (Maximum): <500 mA @ 5 V Operating (Typical): <300 mA @ 5 V Sleep Mode: < 2.5 mA
INPUT VOLTAGE	5 VDC +/- 5%

ENVIRONMENTAL

AMBIENT LIGHT	0 - 100,000 lux
DROP RESISTANCE	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.
ESD PROTECTION (AIR DISCHARGE)	16 kV
HUMIDITY (NON-CONDENSING)	5 - 90%
PARTICULATE AND WATER SEALING	IP40
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	Keyboard Wedge / OEM (IBM) USB / RS-232 / USB

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black; White Other colors and custom logo options are available for minimum quantity purchase.
DIMENSIONS	15.2 x 15.3 x 6.8 cm / 6.0 x 6.0 x 2.7 in
TOP CAP DESIGN	Carbon-Fiber; Silver
WEIGHT	150.0 g / 5.3 oz

READING PERFORMANCE

IMAGE CAPTURE	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
IMAGER SENSOR	Wide VGA: 752 x 480 pixels
LIGHT SOURCE	Aiming: 650 nm VLD; Illumination: White
MOTION TOLERANCE	25 IPS
PRINT CONTRAST RATIO (MINIMUM)	15%
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): Up to +/- 360°; Skew (Yaw): +/- 60°
READING INDICATORS	Beepers, Polyphonic; Datalogic 'Green Spot' Good Read Feedback; Product side and upper illumination; Good Read LED
RESOLUTION (MAXIMUM)	4 mils

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 3.5 to 20.0 cm / 1.3 to 7.8 in EAN-13: 13 mils: 3.0 to 40.0 cm / 1.2 to 15.7 in Data Matrix: 15 mils: 2.0 to 25.0 cm / 0.8 to 9.8 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
LASER CLASSIFICATION	Class 2 according to IEC 60825-1
LED CLASSIFICATION	Exempt group according to IEC 62471

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.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations

WARRANTY

WARRANTY	5-Year Factory Warranty

ACCESSORIES

Mounts/Stands



▪ STD-AUTO-H030-BK
AutoSense Stand Only, Black



▪ STD-AUTO-H030-WH
AutoSense Stand Only, White

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