

GRYPHON™ I 4400-HC 2D SERIES

Specifications

DECODING CAPABILITY

1D / LINEAR CODES

2D CODES

POSTAL CODES

STACKED CODES

ELECTRICAL

CURRENT

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT

DROP RESISTANCE

ESD PROTECTION (AIR DISCHARGE)

HUMIDITY (NON-CONDENSING)

PARTICULATE AND WATER SEALING

TEMPERATURE

INTERFACES

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE

DIMENSIONS

ENCLOSURE

WEIGHT

READING PERFORMANCE

IMAGE CAPTURE

IMAGER SENSOR

LIGHT SOURCE

MOTION TOLERANCE

PRINT CONTRAST RATIO (MINIMUM)

READING ANGLE

READING INDICATORS

RESOLUTION (MAXIMUM)

READING RANGES

TYPICAL DEPTH OF FIELD

SAFETY & REGULATORY

AGENCY APPROVALS

ENVIRONMENTAL COMPLIANCE

LASER CLASSIFICATION

UTILITIES

DATALOGIC ALADDIN™

OPOS / JAVAPOS

REMOTE HOST DOWNLOAD

WARRANTY

Gryphon™ I GD4400-HC 2D

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

Operating (Typical): 160 mA @ 5 VDC; Standby/Idle (Typical): 65 mA @ 5 VDC
4.2 - 5.25 VDC

0 - 100,000 lux
Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
16 kV
5 - 90%
IP52
Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -20 to 70 °C / -4 to 158 °F

RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

Light Green/Light Grey (Rubber/Plastic)
18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in
Disinfectant-Ready Enclosure Treated with Anti-Microbial Additives
195.0 g / 6.9 oz

Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Wide VGA: 752 x 480 pixels
Aiming: 650 nm VLD
25 IPS
25%
Pitch: +/- 40°; Roll (Tilt): 180°; Skew (Yaw): +/- 40°
Beeper (Adjustable Tone); Datalogic 'Green Spot'
Good Read Feedback; Good Read LED
1D Linear: 0.102 mm / 4 mils; Data Matrix: 0.178 mm / 7 mils; PDF417: 0.102 mm / 4 mils

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

Code 39: 5 mils: 4.0 to 19.0 cm / 1.6 to 7.5 in
Code 39: 10 mils: 1.0 to 30.0 cm / 0.4 to 11.8 in
Data Matrix: 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in
Data Matrix: 15 mils: 0 to 23.6 cm / 0 to 9.3 in
EAN-13: 13 mils: 1.5 to 40.0 cm / 0.6 to 15.7 in
PDF417: 10 mils: 0.5 to 22.0 cm / 0.2 to 8.6 in
QR Code: 10 mils: 3.0 to 12.5 cm / 1.2 to 4.9 in

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.
Complies to China RoHS; Complies to EU RoHS
Caution Laser Radiation - Do not stare into beam;
IEC 60825 Class 2

Datalogic Aladdin configuration program is available for download at no charge.
JavaPOS Utilities are available for download at no charge.
OPOS Utilities are available for download at no charge.
Lowers service costs and improves operations.

5-Year Factory Warranty

Accessories

All Products



Mounts/Stands

- 11-0362: Holder, Multi-Purpose, Grey
- HLD-G040-WH: Desk/Wall Holder, G040, White
- STD-AUTO-G040-WH: Smart Stand, G040, White
- STD-G040-WH: Basic Stand, G040, White

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CORDLESS COMMUNICATIONS

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1D / LINEAR CODES

2D CODES

POSTAL CODES

STACKED CODES

ELECTRICAL

BATTERY

CRADLE INDICATOR LEADS

CURRENT

INPUT VOLTAGE

ENVIRONMENTAL

AMBIENT LIGHT
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Gryphon™ I GBT4400-HC 2D

Bluetooth™ Wireless Technology

Piconet: Max. Readers per Radio Receiver: 7 (when using an external Piconet dongle)
Profiles: SPP (Serial Port Profile)
Protocol: Bluetooth 2.0 Certified Class 2
Radio Frequency: 2.4 GHz
Radio Range (Open Air): 30.0 m / 98.4 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results.
Security: Data Encryption; Scanner Authentication

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Battery Type: Lithium-Ion, 2100 mAh; Charge Time: External Power: 4 Hours @ 12 VDC;
Reads per Charge: 50,000
Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC
4.5 - 14.0 VDC +/- 5%

100,000 lux
Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
16 kV
0 - 95%
IP52
Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -20 to 70 °C / -4 to 158 °F
RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

Light Green/Light Grey (Rubber/Plastic)
Cradle: 18.6 x 9.9 x 5.6 cm / 7.25 x 3.9 x 2.2 in
Reader: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in
Disinfectant-Ready Enclosure Treated with Anti-Microbial Additives
Cradle: 246.0 g / 8.68 oz; Reader: 245.0 g / 8.64 oz

Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Wide VGA: 752 x 480 pixels
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25%
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See Chart for GD4400-HC 2D

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3-Year Factory Warranty

Accessories

Cordless Products



Base Stations/Chargers

- BC4030-HC-BT: Base/Charger Standard Multi-Interface, Healthcare
- CHR-GM40-WT: Charging Only Base Station, White

Batteries/Battery Chargers

- RBP-GM40 Removable Battery Pack