



UNLIMITED MOBILITY WITH BLUETOOTH® TECHNOLOGY

Featuring Bluetooth wireless technology, the Gryphon GBT4102 readers eliminate the need for cables that limit operator movement and create safety concerns in the workplace. The reader can also transmit data to the host through its base station as well as to any commercial or embedded Bluetooth v3.0 compliant device.

HANDS-FREE OR PRESENTATION SCANNING WITH THE 2-POSITION CRADLE

Datalogic's unique 2-position cradle provides multiple features for the user. When in the 'up' position, this imager can be used as a hands-free or presentation style reader. With the Scan-While-Charging feature, there is never any concern about depleted or dead batteries, ensuring constant up-time for increased productivity.

RELIABLE DATA COLLECTION

The Gryphon GBT4102 reader's batch mode capability allows more than 1,200 bar codes to be stored in the memory. Combined with a 30,000 scans per charge Lithium-Ion battery, these two features create unlimited mobility and reliable data collection when out-of-range.

Datalogic's exclusive patented 'Green Spot' for good-read feedback helps to improve productivity in noisy environments or in situations where silence is required. When using the product with the cradle at a 45° position, the Green Spot can work as an aiming system to aid in positioning the bar code for quick and intuitive reading.



FEATURES

- Fastest speed-to-read: 325 scans/second
- Bluetooth wireless technology with up to 30 m / 98 ft range
- Point-to-point and multi-point transmission
- Two-position cradle with Scan-While-Charging capability
- Batch Mode capability (>1,200 codes stored in memory)
- Datalogic 'Green Spot' for good read feedback
- User-replaceable and long lasting Lithium-Ion battery
- Drop resistance to 1.8 m / 5.9 ft
- 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; Shelf Replenishment; Price Checking; Inventory
- Healthcare: Patient Tracking; Document Handling; Inventory; Bedside Scanning
- Commercial Services: Postal; Banks; Public Administration; Utilities; Document Handling

TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY Protocol: Bluetooth 3.0 Certified Class 2
Radio Frequency: 2.4 GHz
Radio Range (Open Air): 30.0 m / 98.4 ft

DECODING CAPABILITY

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

ELECTRICAL

BATTERY Battery Type: Lithium-Ion, 2550 mAh
Charge Time: External Power (12 VDC): 4.5 Hours
Reads per Charge: 30,000
CRADLE INDICATOR LEDS Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
CURRENT Charging (Typical): < 8 W;
Operating (Typical): < 2.5 W @ 5 VDC;
Standby/Idle (Typical): < 2.5 mA @ 5 VDC
INPUT VOLTAGE 4.75 - 14.0 VDC

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) 5 - 90%
PARTICULATE AND WATER SEALING IP52
TEMPERATURE Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES RS-232 / USB / Keyboard Wedge / Wand Multi-Interfaces (IBM46XX available with accessory cable)

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE Black; White
DIMENSIONS 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
WEIGHT Cradle: 275 g / 9.7 oz; Reader: 246 g / 8.7 oz

READING PERFORMANCE

LIGHT SOURCE Illumination: LED Array 630 - 670 nm
PRINT CONTRAST RATIO (MINIMUM) 15%
READ RATE (MAXIMUM) 325 reads/sec.
READING ANGLE Pitch: +/- 65°; Roll (Tilt): +/- 35°;
Skew (Yaw): +/- 65°
READING INDICATORS Beeper (Adjustable Tone and Volume);
Datalogic 'Green Spot' Good Read Feedback;
Good Read LED
RESOLUTION (MAXIMUM) 0.076 mm / 3 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: 6.0 to 18.0 cm / 2.3 to 7.0 in
7.5 mils: 3.5 to 30.0 cm / 1.4 to 11.7 in
10 mils: 2.0 to 45.0 cm / 0.8 to 17.7 in
13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in
20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 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 60825-1 Class 1 LED Product

UTILITIES

DATALOGIC ALADDIN™ Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JAVAPOS OPOS Utilities are available for download at no charge.
REMOTE HOST DOWNLOAD Lowers service costs and improves operations

WARRANTY

WARRANTY 3-Year Factory Warranty

ACCESSORIES

Base Stations/Chargers

- BC4032-BK-BT: Base/Charger, Standard Multi-Interface, Black
- BC4032-WH-BT Base/Charger, Standard Multi-Interface, White
- CHR-GM40-BK Charging Only Base Station, Black
- CHR-GM40-WH Charging Only Base Station, White

Batteries/Battery Chargers

- RBP-GM42 Removable Battery Pack

