

Product: Gryphon™ GM4100 Linear Imager

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Introducing the Gryphon™ GM4100 Linear Imager with Display, 3-Key Keypad and the Datalogic STAR Cordless System™

Overview

Imagine a perfectly designed scanner with the best linear bar code reading performance in regards to speed, distance and bar code resolution. Now picture this same scanner as a cordless reader with the best radio range and reliability among cordless readers. Along with these features, imagine a display, keypad and extensive batch-mode capability for 'out of range' operations.

You've just described Datalogic Scanning's new Gryphon™ GM4100 linear imager, the new leading edge reader for cordless bar code scanning.

The Gryphon GM4100 linear imager provides unlimited mobility with snappy, versatile, reliable and unique features equipped within the reader. The Gryphon GM4100 linear imaging scanner is directed at customers requiring extended mobility and reliable radio transmitting along with top performance when reading linear bar codes.

From retail stores and offices to warehouses and manufacturing plants with light industrial environments, the Gryphon™ GM4100 imager represents the best choice to improve productivity and at the same time reduce maintenance costs for hassle-free operations. The Gryphon GM4100 imager provides top performance reading capability on any linear bar code. From applications using standard density bar codes (generally used in retail or office environments) to high-density bar codes (usually found in electronics manufacturing, telecom, pharmaceutical and textile environments), the Gryphon GM4100 imager is the top choice for these vertical markets.

The proprietary narrow band STAR Cordless System™ radio still offers unmatched performance and flexibility allowing simple point-to-point connection (typical cable replacement needed) as well as a complex network to cover wider areas. Along with this outstanding reading performance, the Gryphon GM4100 imager adds full mobility in a wide working range because of the large 'batch mode' reserved memory, which allows this imager to store more than 1200 bar codes.

A new two-position selectable base station provides a 'charge-while-scanning' feature as well as the configuration of the working space in the most ergonomic way.

A new optional display and keypad addition completes the uniqueness of the new Gryphon GM4100 imager. This new feature allows real-time interaction between the operator and the host. With this feature, operators can be informed remotely about data to be read or if the scanning activity is correct, as well as being advised regarding errors that might occur, which increases productivity and reduces the overall error rate.

The Gryphon GM4100 imager's reading 'depth-of-field' and the maximum reading distance are by far the best in the industry compared to products of our referenced competitors. These features, combined with the unmatched reading speed of 325 scans/second, produce the perfect combination of the Gryphon GM4100's advantages.

The Gryphon GM4100 imager provides the same outstanding reading performance available in the corded models. Shown below are some highlights of the Gryphon GD/GM4100 imagers.

Maximum Resolution:

- < 3 mil

Reading Distance:

- 13 mil: 3.0 to 60.0 cm / 1.2 to 23.6 in
- 20 mil: 3.0 to 80.0 cm / 1.2 to 31.5 in
- 40 mil: up to 140.0 cm / up to 55.0 in

Reading Width:

- 13 mil: 31.8 cm from nose, 25.0 cm wide / 12.5 in from nose, 10.0 in. wide



Reading Speed

- 325 scans per second

The Gryphon GM4100 imager is very effective and quick to read damaged bar codes. When reading bar codes in good condition, it reads more than 90% of labels in less than 40 milliseconds, unmatched by any competitor.

Features and Benefits

The New Two-Position Cradle

The new Gryphon GM4100 imager features a cradle which can change positions according to the application needs and/or the customer preference. With the simple action of pressing 2 plastic clips positioned below the base station, the cradle can change from a flat position to a 45° angled position, ideal for hands-free reading. In the flat position, the cradle can also be mounted to a wall or other vertical surfaces, freeing up valuable counter space.



Horizontal Position



45° Position

In either position, this new base station allows 'scan-while-charging' capability. Shown above are the 2 possible positions of the base station.

Multiple Interfaces with Enhanced IBM Interface Connectivity

The Gryphon GM4100 cradle is offered with a choice of two different interface models:

- A multi-standard interface for connection to the host via USB (COM and Wedge Emulation), RS-232, Keyboard Wedge and Wand Emulation
- An IBM 46XX interface model which also includes USB POS and RS-232 interfaces. To make the product more appealing for retail applications, Host Download capability is also available.

New Host Power Capability

The Gryphon GM4100 imager includes input power ranges from 4.75V to 14 VDC and can be powered using a separate power supply. When using the USB interface, the reader can be powered directly, eliminating the need for a power supply, providing additional savings.

Unmatched 'Good Read' Feedback

The Gryphon GM4100 imager, along with other Datalogic Scanning premium products includes the patented 'Green-Spot' good read feedback feature. This still represents an unsurpassed feature that is unmatched when compared to the competition.



Datalogic Scanning Reliability and Durability at its Best

The Gryphon GM4100 imager offers a reliability package which includes the following features:

- Over molded plastic / rubber enclosure: to protect against multiple, repeated shocks
- No moving parts: static components for higher reliability
- Drop resistance from 1.8 m / 5.9 ft for industrial-like durability to ensure no down time in any condition
- The IP42 Environmental Protection protects against:
 - Solid bodies of superior dimensions to 1 mm = Dust
 - Fall of water drops = Light Rain

New 3-Year Warranty Period

The Gryphon GM4100 imager features a 3-year warranty versus the 2-year warranty currently offered on other Gryphon cordless models. This is to ensure adequate warranty protection to customers in case of failures but also provides a strong message regarding the reliability and durability of Datalogic Scanning products. None of the Gryphon GM4100 referenced competitors offer a reliability package so rich and complete. For customers of Gryphon products, these features protect their investment, lower their Total Cost of Ownership (TCO), and provide a higher value for the Gryphon GM4100.

Always Up-to-date

Because of its Flash Memory, the firmware of the Gryphon GM4100 imager can be easily updated in the field. The firmware can be downloaded via a serial interface maintaining an 'up-to-date' device. The complete product set-up is easy and intuitive because of the Datalogic Scanning configuration software, Aladdin™. All the parameters can be modified and the configuration settings can be downloaded, saved, printed and sent via e-mail to remote customers.



Datalogic STAR Cordless System Features

The Gryphon GM4100 imager is equipped with the Datalogic STAR Cordless System radio that is based on a bi-directional protocol. Bi-directionality allows free communication between the host and the scanner. Data can transfer from scanner to host. The host can also communicate with the scanner through the cradle. This protocol depends on the selected mode and can use the bi-directionality for data transfer only or it can be used for protocol management (see One-way and Two-way Protocols). The benefits of the Datalogic STAR Cordless System can be summarized in the following points:

- Scalable System: The system can be easily expanded by adding new devices (up to 16 connected to the same base station) and/or reduced, adapting it to the changing needs of the customer. To install a new device, the scanner needs to be placed into the base station and the binding will be automatic.
- Real Time: A fundamental feature required by all cordless data collection applications. The main goal is to keep the host information system updated with data coming in from the field. This data is essential in maximizing top performance of the logistic system. This results in 100% coherence between system data and real data.
- Easy Hardware/Software Integration: The main goal is to simplify the physical installation process as well as the software management.

Always on Receiving Radio

A new always-on radio receiver has been implemented in the Gryphon GM4100. Enabling this feature allows the reader's radio to continuously stay in receiving mode, allowing the host to send a message to the reader at any time. In this mode, the host can interact with the operator each time it is necessary.

'Find Me' Paging

Pressing the button on the cradle causes the beeping of all scanners coupled with that receiver if the scanner is switched on and within the radio range. This function is useful to:

- To Identify all scanners coupled with a cradle
- To find a missing scanner

Leash Mode (Anti-theft Feature)

This feature allows an audio signal to be enabled which advises the operator that the imager is out of radio range. This can be useful to avoid theft of the imagers and avoids situations where the operator accidentally takes the imager home after work.

'One-way' Protocol

The radio protocol is always 'bi-directional' but in this mode the data flow is 'mono-directional', from the scanner to the cradle. The operational sequence is as following:

- The operator reads a bar code
- The scanner emits the 'good read' beep (if enabled)
- The scanner transmits the read code to the base station

- The base station verifies the data integrity and sends back to the scanner an 'ACK' or 'NACK'
- The scanner emits the 'Data OK (or 'Data Not OK) beep
- End of the transaction

When using this protocol, the operator is informed and assured that the data has been correctly received by the cradle.

'Two-way' Protocol

Bi-directionality is used for sending data from the host to the scanner. The first and easiest use is to send a simple ACK/NACK message. The host sends a message to the operator to notify the success or failure of the data received. This message is required by the scanner to correctly close the transaction. Further messages can be appended to make the operator activity more interactive with the host. The operational sequence is as follows:

- The operator reads a bar code.
- The scanner emits the 'good read' beep (if enabled).
- The scanner transmits the read code to the base station.
- The base station verifies the data integrity and sends back a 'first acknowledge' to the scanner.
- The data is transmitted via cable to the host. The host checks the data correctness (application dependent) and sends back an ACK or NACK to the base station. Other messages can be appended to the ACK/NACK. The 'ESC' sequences are used to define several commands that can be used to show the message on the scanner's display, and/or to make special beeps, and/or to drive the Green/Red LED available on the scanner.
- The base station sends the ACK/NACK notice and all other messages to the scanner.
- The scanner emits the 'Data OK' (or 'Data Not OK') beep.
- End of the transaction.

Using this protocol, the operator is informed and assured that the data has been correctly received by the host.

Batch Mode

The Gryphon GM4100 includes about 64 Kbytes of RAM available to store data. The number of codes that can be stored depends on the code length. As an example, using a standard EAN13 bar code, over 1200 codes can be stored in the batch memory. Two different modes are possible:

- Automatic Batch Mode: when the operator moves out of the radio coverage area, the scanner automatically changes to batch mode (if enabled). The data is stored in the internal Flash Memory after each new code is read, and then a reconnection is attempted. Once the operator again enters the radio coverage area, all the buffered data is transmitted.
- Manual Batch Mode: by reading a configuration bar code, the reader switches to the batch mode. Each read bar code is stored in the internal Flash Memory. No attempt is made for data transmission. All buffered data is transmitted after the reading of a configuration bar code. If the reader is equipped with a display, some basic activities are permitted on the buffered data as described below.
- No Batch Mode: if neither Automatic Batch Mode or Manual Batch Mode are enabled, no data will be stored in the scanner.

Display and 3 Keys

The Gryphon GM4100-D model includes a back-lit graphic display and 3 keys. The display features 32 x 96 pixels with icons and user selectable font dimensions (4 lines x 16 columns). The back-light system allows perfect readability and visibility even in low-lit environments. In 'batch mode', the operator can scroll through the buffered codes using the up/down keys and delete data by using the enter key. Codes are saved in the internal Flash Memory instead of being transmitted immediately via radio. The display can also be used in 'Two-ways-mode' or 'Always ON transmit radio mode' to show messages coming from the host. Messages could be: application dependent, ACK/NACK concerning the read codes, information concerning the next operation, etc. This is a unique feature which is only available from Datalogic.

Datalogic STAR Cordless System Configuration

Point-to-Point Configuration

This is the simplest radio connection which is basically used for cable replacement. The advantage is increased mobility and safety for the operator. Entanglement of the cable with objects, furniture and machinery is a frequent cause of

accidents. The operator benefits from a mobility range of 30 m / 98 ft away from the base station (15 m / 49 ft for the 910 MHz models). If the operator moves out of the area covered by the radio range, the optional automatic batch mode can save the read codes in the internal Flash Memory. Once the operator enters into the radio range, the buffered data is transmitted to the host.

Point-to-Multipoint Configuration

Up to 16 operators can transmit data to the same base station. Each operator is identified by his own address and the data arriving to the host is associated with the correct operator and can be managed properly. Both 'One-way' and 'Two-way' protocols are allowed.

Features and Benefits Summary

Features	Benefits
STAR Cordless System for Narrow Band Radio Communications: Available in 433 MHz or 910 MHz Radio Frequencies	<ul style="list-style-type: none"> • Superior 30 m / 99 ft radio range for point-to-point and point to multi-point connectivity • No interference with Wi-Fi infrastructure • Free from open standards, providing better security for transmitted data
Enhanced Reading Snappiness	Increases productivity and efficiency
Enhanced Field-of-view	Covers applications that use wide bar codes
Lightweight and Ergonomically Shaped	Reduces operator fatigue over extended working shift
Over 60.0 cm / 23.6 in reading distance on 100% EAN/UPC 13mils	Long range reading capability for any distance application needs
Datalogic Scanning patented 'Green Spot'	Improves user feedback; no competitors with a similar feature
2 Multi-interface Models: <ul style="list-style-type: none"> • USB, RS-232, KBW and Wand Emulation • IBM 46XX, USB and RS-232 	2 models/2 colors cover close to 100% of the applications; convenient for partner's stock optimization
GS1 DataBar™ Reading Capability	Covers any POS applications for now and in the future
Drop Resistance: 1.8 m / 5.9 ft	Provides outstanding durability and reliability, allowing a wider range of applications
IP42 Environmental Protection	Provides uninterrupted functionality even in dusty and moist environments
Solid-State Electronic Technology with no moving parts	<ul style="list-style-type: none"> • No moving parts provide superior reliability and durability over laser devices • Longer product life cycle and less service returns, lowers the Total Cost of Ownership (TCO) • 3-Year factory warranty proves this product's demonstrated reliability
Shares the same Datalogic General Purpose Existing Cables	Cable stock optimization
Aladdin Software Configuration Program	Easy to use too, improving the reader's installation and maintenance
2 Position Cradle: configurable in Flat or 45° Inclined Base	Practical and easy to change; allows scan-while-charge feature as well as configuration of the working space in the most ergonomic way
Graphic Display and Keypad with 3 Programmable Keys	Allows real-time interaction between the operator and the host
Li-Ion Battery Pack: 2,150 mA	Operating autonomy up to 50,000 cycles (reading and transmission) providing several hours of cordless operations
Large Memory for Batch Mode	Allows unlimited mobility providing uninterrupted scanning capability even when the scanner is out of radio range

Target Markets and Applications

The QuickScan® Mobile reader represents the ideal solution for small/medium size stores where the reader can be also used for inventory, price checking activities and the POS check out. The Gryphon GM4100 imager complements the QuickScan Mobile reader by providing a product that supports a complete range of wireless applications requiring automatic identification through bar codes.

Featured below are the target applications including market segments and winning characteristics.

Retail – POS: Check-out and In-store Applications

Because of the two-position cradle, the Gryphon GM4100 imager can be used at the POS check-out for hands-free reading and features 'scan-while-charging' capability. When the imager is needed for check-out operations outside the POS station, such as reading labels on big or heavy items, the mobility of the imager allows the operator to take the scanner to the item. As an added bonus, the Gryphon imager features a 30 m / 98 ft radio range with display and keypad. This means the same scanner can be used for shelf replenishment, price checking or inventory operations as well as POS scanning in large front-end retail environments like Do-it-Yourself Centers, Cash and Carry, Garden Centers, Sports and Furniture stores. Additionally, having the ability to have up to 16 scanners connected to the same base station allows customers to use the same device for different data capture purposes within the covered area. All these features along with outstanding reading performance and limited interference with WiFi infrastructure create the perfect solution.

Winning Points

- Scan-while-charging / Hands-free Reading Capability
- No down time for Battery Recharging
- Point to Multi-point
- Extended Radio Range
- Display and Keypad
- Speed to Read
- Robustness
- Green Spot

Health Care

Despite the growing need for 2D readers, there is still a good portion of the Health Care Market that is covered by linear scanners. The outstanding performance and versatility of the Gryphon family can fulfill many customer needs within hospitals, pharmaceutical labs and doctors' consultancy centers for patient tracking, document handling and inventory management.

In particular, the Gryphon GM4100 imager represents the ideal solution in environments where cables can interfere with the operator's activity and can be the cause of accidents.

The Datalogic patented 'Green Spot' is an additional and unique feature when audio feedback needs to be silenced to avoid confusion with other equipment.

Winning Points

- Extended Radio Range
- Reliability: No down-time
- Good Read Feedback

Warehouse Management

Logistics and Warehouse Management can be considered a target market for the Gryphon GM4100 imager when the environment doesn't require industrial product features such as a high drop resistance or a high IP rating. While the PowerScan® readers are the primary choice for industrial environments, there are a significant number of locations where durability and environmental protection as well as the long reading distance of the Gryphon GM4100 are more than suitable. The long radio range and limited WiFi interference are features that represent a value-added bonus over any competing product. The Gryphon is an ideal alternative to the PowerScan for price-oriented customers.

The model with the display and keypad will provide additional opportunities for interaction between the operator and the host. Full mobility is also guaranteed by the batch mode capability when the scanner is out of radio range. This feature is capable of storing over 1200 bar codes.

The Gryphon GM4100 imager can be also very effective in logistics and postal environments where high throughput and accuracy are key when sorting huge numbers of parcels and letters.

Winning Points

- Extended Radio Range
- Display/Keypad
- Batch Mode Capability

- Snappiness
- Reading Distance and Width
- Green Spot

Manufacturing / Work-in-progress

Work-in-progress in light industrial environments such as electronics or textiles is an application where the Gryphon is perfectly suited. The range of 30 m / 98 ft of mobility guaranteed by the Datalogic Star Cordless System coupled with the outstanding reading performance of high resolution codes and outstanding reliability, provide the ideal solution in manufacturing plants where harsh environmental characteristics are not required.

A very important differentiating factor for this application is the limited interference with WiFi infrastructures provided by the narrow band 433 MHz / 910 MHz STAR Cordless System.

Winning Points

- High Resolution Code Reading Capability
- Extended Radio Range
- No Interference with Wi-Fi Infrastructures
- Robustness and Reliability
- Green Spot

Additional Target Applications – Access Control and Education

There are a number of other 'minor' target applications where the Gryphon GM4100 provides a significant advantage over the competition.

Indoor Access Control

The 30 m / 98 ft radio range, display and a keypad guarantees exceptional range of radio transmission. Additionally, a control feature, accessed through the display, provides the ability to double-check the information of individuals entering shows, concerts, theaters, cinemas, indoor stadiums, etc.

Item Tracking

Tracking and tracing of books, magnetic media, documents and other material in indoor environments like libraries, schools or government facilities is an ideal application for the Gryphon imager. When the imager is out of range, more than 1200 bar codes can be stored in the memory, offering tremendous mobility.

Winning Points

- Radio Range
- Display/Keypad
- Robustness and Reliability
- Batch Mode
- Green Spot

Marketing Positioning

The Gryphon GM4100 linear imaging scanner is directed at customers requiring extended mobility and reliable radio transmission along with top performance when reading linear bar codes. It is perfectly suited for applications using standard density bar codes (generally used in retail or office environments) to high-density bar codes (usually found in electronics manufacturing, telecom, pharmaceutical and textile environments). The Gryphon GM4100 imager is the top choice for these verticals.

DATALOGIC SCANNING GENERAL PURPOSE CORDLESS PRODUCTS OFFER



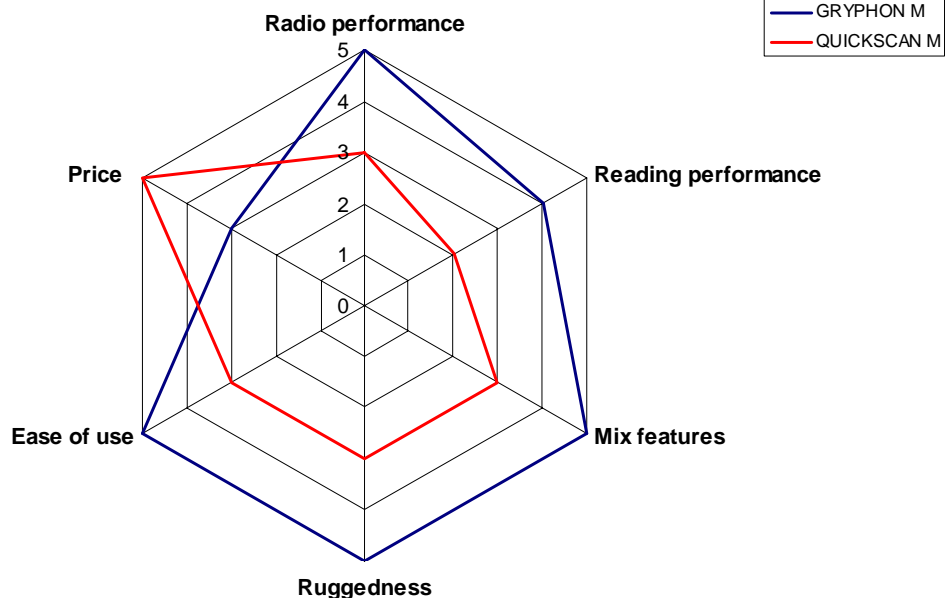
The Gryphon GM4100 Series will completely replace all existing models of the Gryphon M1x0 Series. The Gryphon GM4100 imager represents the Premium Line segment of the Datalogic Scanning general purpose portfolio for linear bar code reading.

The General Purpose portfolio for linear bar codes is complimented by the Value Line of scanners with the QuickScan M2100 series, also featuring linear imaging technology. The chart shown above represents the price/performance and the relative positioning of the Value Line and Premium Line families for 1D/PDF bar codes.

The relative positioning of the Value and Premium Lines is also represented in the radar graph shown below. The products are evaluated on a complete set of characteristics that are grouped in:

- General Features (Interface Sets, Electrical Characteristics, Warranty, etc.)
- Radio Features (Connection, Flexibility and Versatility, Networking, Radio Range, etc.)
- Reading Performance (Reading Distances, Maximum Resolution, Print Contrast Ratio, etc.)
- Ease of Use (Weight, Ergonomics, Visual and Audible Feedback, Configuration Flexibility, etc.)
- Ruggedness (Drop Robustness, IP Protection, ESD Protection, etc.)
- Price.

STAR CORDLESS SCANNERS - PREMIUM LINE vs. VALUE LINE



Ordering Information

Part Number	Description	Available
GM4100-BK-433	GRYPHON M4100-BLACK - 433 MHZ	May 15, 2009
GM4100-WH-433	GRYPHON M4100-WHITE - 433 MHZ	May 15, 2009
GM4100-BK-D433	GRYPHON M4100-BLACK W/DISPLAY - 433 MHZ	June 12, 2009
BC4030-BK-433	BC4030-BASE/CHARGER M INT-BLACK - 433 MHZ	May 15, 2009
BC4030-WH-433	BC4030-BASE/CHARGER M INT-WHITE - 433 MHZ	May 15, 2009
BC4010-WH-433	BC4010-BASE/CHARGER M INT/IBM-WHITE - 433 MHZ	May 15, 2009
BC4010-BK-433	BC4010-BASE/CHARGER M INT/IBM-BLACK - 433 MHZ	May 22, 2009
GM4130-BK-433K1	GRYPHON M4130 USB KIT 433 MHZ BLACK	May 22, 2009
GM4130-WH-433K1	GRYPHON M4130 USB KIT 433 MHZ WHITE	May 22, 2009
GM4130-BK-433K2	GRYPHON M4130 RS232 KIT 433 MHZ BLACK	May 22, 2009
GM4130-WH-433K2	GRYPHON M4130 RS232 KIT 433 MHZ WHITE	May 22, 2009
GM4100-BK-910	GRYPHON M4100-BLACK - 910 MHZ	July 2009
GM4100-WH-910	GRYPHON M4100-WHITE - 910 MHZ	July 2009
GM4100-BK-D910	GRYPHON M4100-BLACK W/DISPLAY - 910 MHZ	July 2009
BC4030-BK-910	BC4030-BASE/CHARGER M INT-BLACK - 910 MHZ	July 2009
BC4030-WH-910	BC4030-BASE/CHARGER M INT-WHITE - 910 MHZ	July 2009
BC4010-WH-910	BC4010-BASE/CHARGER M INT/IBM-WHITE - 910 MHZ	July 2009
BC4010-BK-910	BC4010-BASE/CHARGER M INT/IBM-BLACK - 910 MHZ	July 2009
GM4130-BK-910K1	GRYPHON M4130 USB KIT 910 MHZ BLACK	July 2009
GM4130-WH-910K1	GRYPHON M4130 USB KIT 910 MHZ WHITE	July 2009
GM4130-BK-910K2	GRYPHON M4130 RS232 KIT 910 MHZ BLACK	July 2009
GM4130-WH-910K2	GRYPHON M4130 RS232 KIT 910 MHZ WHITE	July 2009

Note:

The current Gryphon M130 will become obsolete when the new models are available. Appropriate instructions on cross over product replacement will be provided with the obsolescence notice.

Listed below is a cross reference table for the new and replaced part numbers:

Part Number	Description	Replacing	Description
GM4100-BK-433	GRYPHON M4100-BLACK – 433 MHZ	New	
GM4100-WH-433	GRYPHON M4100-WHITE – 433 MHZ	901671057	GRYPHON M130 433 MHZ
GM4100-BK-D433	GRYPHON M4100-BLACK W/DISPLAY – 433 MHZ	New	
BC4030-BK-433	BC4030-BASE/CHARGER M INT-BLACK-433 MHZ	New	
BC4030-WH-433	BC4030-BASE/CHARGER M INT-WHITE-433 MHZ	90A351000	OM-GRYPHON B/C M-INTERF/USB 433 MHZ
BC4010-WH-433	BC4010-BASE/CHARGER M INT/IBM-WHITE-433 MHZ	New	
GM4130-BK-433K1	GRYPHON M4130 USB KIT 433 MHZ BLACK	New	
GM4130-WH-433K1	GRYPHON M4130 USB KIT 433 MHZ WHITE	901671058	GRYPHON M130-CS 433 MHZ USB KIT
GM4130-BK-433K2	GRYPHON M4130 RS-232 KIT 433 MHZ BLACK	New	
GM4130-WH-433K2	GRYPHON M4130 RS-232 KIT 433 MHZ WHITE	901671050*	GRYPHON M130-CS 433 MHZ WEDGE/RS-232 KIT
GM4100-BK-910	GRYPHON M4100-BLACK – 910 MHZ	New	
GM4100-WH-910	GRYPHON M4100-WHITE – 910 MHZ	901671010	GRYPHON M100,910 MHZ USA
GM4100-BK-D910	GRYPHON M4100-BLACK W/DISPLAY – 910 MHZ	New	
BC4030-BK-910	BC4030-BASE/CHARGER M INT-BLACK-910 MHZ	New	
BC4030-WH-910	BC4030-BASE/CHARGER M INT-WHITE-910 MHZ	90A351010	OM-GRYPHON B/C M-INTERF/USB 910 MHZ
BC4010-WH-910	BC4010-BASE/CHARGER M INT/IBM-WHITE-910 MHZ	New	
GM4130-BK-910K1	GRYPHON M4130 USB KIT 910 MHZ BLACK	New	
GM4130-WH-910K1	GRYPHON M4130 USB KIT 910 MHZ WHITE	901671054	GRYPHON M100 SH3635 USB KIT
GM4130-BK-910K2	GRYPHON M4130 RS-232 KIT 910 MHZ BLACK	New	
GM4130-WH-910K2	GRYPHON M4130 RS-232 KIT 910 MHZ WHITE	New	

* Only the RS-232 cable is included in the new kit. If needed, KBW cables need to be purchased separately.

Accessories

Part Number	Description	Available
RBP-GM40	RBP-4000 REMOVABLE BATTERY PACK	May 29, 2009
CHR-GM40-BK	C-4000 CHARGING ONLY BASE BLACK	June 15, 2009
CHR-GM40-WH	C-4000 CHARGING ONLY BASE WHITE	June 15, 2009

The Gryphon GM4100 shares the same cables, power supplies, stands and holders used for Gryphon I. Cables and power supplies are consistent with the current Gryphon M.

Critical Dates

Regarding the Gryphon GM4100 433MHz models, General Availability is currently planned for **May 15, 2009** and the Public Announcement is scheduled for **May 27, 2009**.

At the General Announcement date we will have limited stock for each model and our capacity may be limited based on demand ramp-up on the different models.

Service and Technical Support

All models of the Gryphon GM4100 come with a standard 3-year factory warranty. Service will be provided either by Datalogic Scanning or Datalogic Scanning Authorized Service Providers.

Frequently Asked Questions

Q: Can the Gryphon GM4100 imager read a PDF417 bar code?

A: No, the PDF417 reading capability is not available on the Gryphon GM4100. To read stacked codes with cordless devices, the Gryphon M230 reader is still available featuring the STAR Cordless System. Also, the QuickScan QS6500BT reads PDF bar codes and is available with a Bluetooth® Wireless Technology.

Q: Is the Gryphon GM4100 imager compatible with the current Gryphon M reader in terms of radio connectivity?

A: No. With the introduction of new radio features like full bi-directionality and automatic bind, the radio protocol has been changed and no communication is possible between the 2 radio versions. However, new software is being developed to permit the GM4100 imager to work with the existing STAR Radio Network to allow co-existence of old and new products connected to the same base station.

Q: Is the Gryphon GM4100 imager only available in STAR Cordless System 433 MHz and 910 MHz?

A: No. Bluetooth® wireless technology equipped models will be released in the next few months using the same enclosures and featuring the same reading performance and distinctive characteristics with the exception of the keypad and display version.

Q: Are the software configuration commands the same as the current Gryphon M reader?

A: No. The Gryphon GM4100 readers as well as the recently released products (Gryphon GD4100 and the QuickScan QD2100) use new configuration commands common to most Datalogic Scanning handheld products. To minimize the impact to customers, the Datalogic patented Aladdin software makes the change transparent to the user.

Q: Does the new Gryphon GM4100 imager require a power supply?

A: No. The new Gryphon GM4100 imager allows input power range from 4.75 to 14 VDC. This range allows POT (power off the terminal) when connected in USB and requires an external 5V or 12V power supply when connected to a different interface.

Q: Is there any configuration tool available for this product?

A: Yes. The Gryphon GM4100 is supported by Datalogic's patented Aladdin configuration software.

Q: Is the Datalogic Scanning Good Read 'Green Spot' available in this product?

A: Yes. The Gryphon GM4100 imager is equipped with the patented 'Green Spot' on the code.

Q: Can customers order a custom configured model?

A: Yes they can. They will need to submit an FSR (Field Special Request) for this request. The decision to release a special version will be made based on strategic importance and quantity commitment.

Q: Can this product be made available with a custom logo/color?

A: Yes. They will also need to submit an FSR (Field Special Request) for this request. The decision to release a special version will also be made based on strategic importance and quantity commitment.

Q: Will there be Kits available?

A: Yes. The Gryphon GM4100 imager will be released in 2 kits with different colors:

- A USB kit including scanner, base station and USB cable
- An RS-232 kit including scanner, base station, RS-232 cable and 5V power supply

Q: Are the old Gryphon M cables and power supplies compatible with the new Gryphon GM4100?

A: Yes. Total compatibility is ensured on the cable and power supply side. Additionally, the newly released enhanced cables are also supported.

Sales Tools

The following Sales Tools are currently available for the Gryphon GM4100 scanner:

- [Gryphon GM4100 Marketing Information Guide \(MIG\)](#)
- [Gryphon GM4100 Competitive Selling Guide](#)
- [Gryphon GM4100 PowerPoint Sales Presentation](#)
- [Direct Mail Templates](#)
- [Email HTML Template](#)
- [Web Banner Suite](#)
- Data Sheets
 - [English \(US LTR\)](#)
 - [English \(A4\)](#)
 - [Brazilian Portuguese](#)
 - [Chinese](#)
 - [French](#)
 - [German](#)
 - [Italian](#)
 - [Japanese](#)
 - [Russian](#)
 - [Spanish](#)
- Product Photography – Visit the Extranet for a complete library of photography available

For More Information

Please contact your local Datalogic Scanning office.