Gryphon™ I GD4600

QUICK REFERENCE GUIDE

General Purpose Corded
Handheld Area Imager Bar Code Reader

ODATALOGIC

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Patents

See www.patents.datalogic.com for patent list.

See the Regulatory Addendum included with your product for additional regulatory, safety and legal information.

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GRYPHON I GD4600

ABOUT THE SCANNER

The Gryphon 4600 series is a premium line of high-performance handheld scanners designed for advanced applications in Retail, Healthcare, Manufacturing and Transportation & Logistics.

The Gryphon 4600 scanners, designed with sustainability, usability, and advanced technology at their core, are the first in their category to incorporate an eco-design approach, featuring low power consumption, recycled materials, and eco-friendly packaging to help reduce carbon footprint.

EASY TO USE

The Gryphon 4600 scanner delivers an unbeatable scanning experience thanks to the highly visible green central cross LED aimer for easier targeted scanning. Datalogic's 'Green Spot' technology and exclusive 3GL™ (3 Green Lights) provide superior good-read feedback. The dual-color LED illumination technology, featuring warm white and red light user-selectable, allows to adapt to any application need on the fly. Decoding The Gryphon 4600 scanner delivers snappy reading performance on all common 1D and 2D codes, including GS1 Digital Link and Digital Watermarking, as well as smaller, high density, high resolution condensed codes and it also excels at reading barcodes from mobile devices. A powerful combination of a high-speed dual-core processor, AI (Artificial Intelligence) algorithms, and advanced decoding enhancements delivers a significant increase in scanning speed. The data stream - acquired from decoding a symbol - is rapidly sent to the host. The reader is immediately available to read another symbol.

OMNI-DIRECTIONAL OPERATING

To read a symbol or capture an image, simply aim the reader and pull the trigger. The Gryphon™ I GD4600 is a powerful omni-directional reader, so the orientation of the symbol is not important. Datalogic's exclusive 'Green Spot' for good-read feedback helps to improve productivity in noisy environments or in situations where silence is required. When positioning the product into the stand, the magnetic coupling will make the scanner automatically detect a bar code inside the field of view, and switch the reading system from trigger mode to auto-sense mode.

IMAGING

The Gryphon™ I GD4600 reader can also function as a camera by capturing entire images or image portions of labels, signatures, and other items. See the Datalogic Aladdin configuration tool for information and options for this feature.

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SETTING UP THE READER

Follow the steps below to connect and get your reader up and communicating with its host.

1. Connect the Cable to the reader and the Host as shown below.

2. Configure the Interface ().

3. Program the Reader starting on (optional, as needed).

Connecting to the Host Interface

USB

RS-232

NOTE: The RS-232 interface is available exclusively on GD4690 models, which support both USB and RS-232 communication.

Disconnecting the Cable

To remove the interface cable from the reader:

1. Locate the green button on the back of the handle.

2. Hold the green button with the tip of a pencil/pen.

3. As you apply pressure on the button, pull out the cable.

When reinserting the cable, make sure the connector clip is on the same side as the reader release hole. Insert the cable, it should click when it is fully inserted.
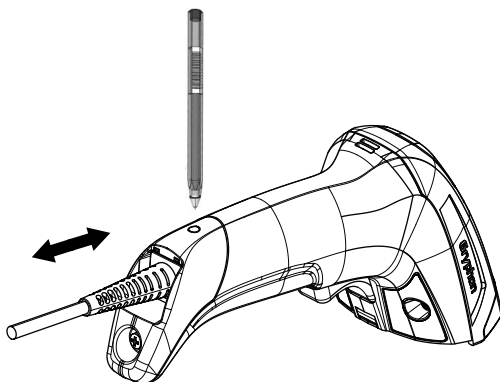
USING THE GRYPHON™ I GD4600

The Gryphon™ I GD4600 normally functions by capturing and decoding codes. The reader is equipped with an internal Motionix™ motion-sensing function which activates the aiming system on device motion. The intelligent aiming system indicates the field of view center which should be positioned over the bar code:

Aiming System
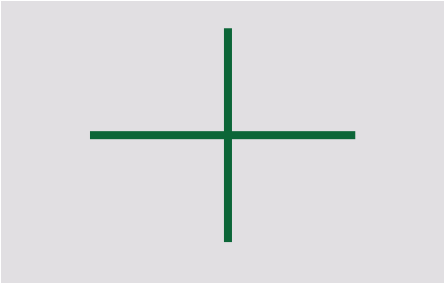
**Relative Size and Location
of Aiming System Pattern**
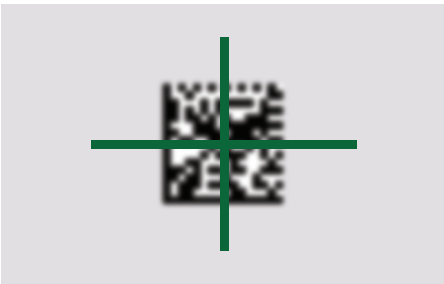
2D Code Sample
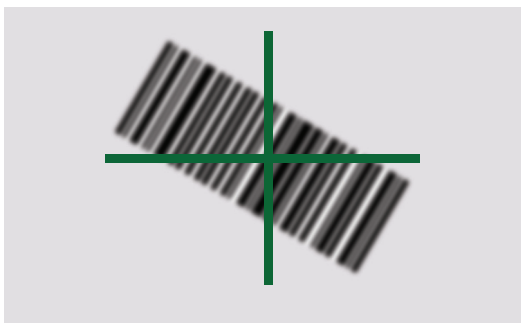
1D Linear Barcode Sample

Symbologies with smaller bars or elements (mil size) should be read closer to the unit. Symbologies with larger bars or elements (mil size) can be read farther from the unit.

Successful reading is signaled by an audible tone plus a good-read green spot feedback projected on the code read.

Refer to the Gryphon I GD4600 Product Reference Guide (PRG) for more information about this feature and other programmable settings.

Relative Size and Location of Green Spot

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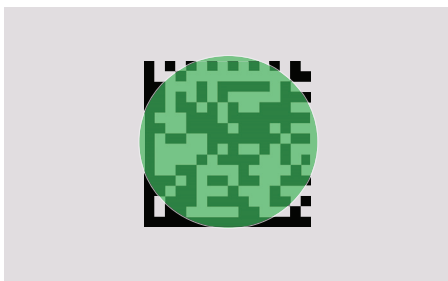
PARTS OF THE READER
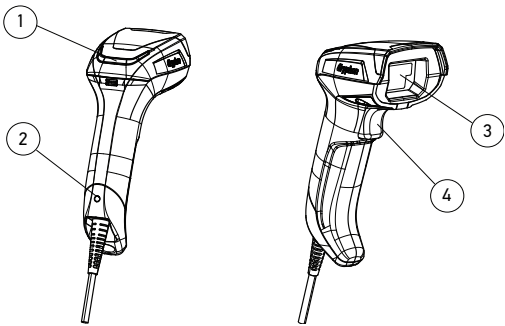
1. LED
2. Cable Release Button
3. Scan Window
4. Trigger

SELECTING THE INTERFACE TYPE

Upon completing the physical connection between the reader and its host, proceed directly to Interface Selection below:

- For information and programming for the interface type supported by the reader.

- For scanning the appropriate bar code to select the different interface type, according to your application.

For interfaces other than those listed in this manual, see the Gryphon™ I GD4600 Product Reference Guide (PRG), available online at www.datalogic.com.

Interface Selection

The reader will support all the following host interfaces, the USB-only applies for all models:

- USB Composite (Keyboard + COM)

- USB HID POS

- USB Toshiba TEC

- USB (Keyboard, COM, OEM)

- USB for Magellan Scanners

- RS-232 STD[1]

- RS-232 WN[1]

Information and programming options for each interface type are provided in this section. For defaults and additional information associated with each interface, proceed to the corresponding chapter in the Gryphon™ I GD4600 PRG.

Configuring the Interface

Scan the appropriate programming bar code to select the interface type for your system.

> **NOTE: Some interfaces require the scanner to start in the disabled state when powered up. If additional scanner configuration is desired while in this state, pull the trigger and hold for 5 seconds. The scanner will change to a state that allows programming with bar codes.**

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1. GD4690 models only (USB and RS-232 Multi-interface)

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USB-COMPOSITE
 ★ Select USB-Composite ★ USB-Composite (Keyboard + COM)
USB-OEM
Refer to the PRG or Aladdin for USB-OEM (can be used for OPOS/UPOS/JavaPOS)
USB-COM^a
 Select USB-COM to simulate RS-232 standard interface
USB FOR TERMINALS
 Select USB HID POS
 Select USB Toshiba TEC
USB FOR MAGELLAN SCANNERS
 Select USB for Magellan Scanners

a. Download the correct USB Com driver from www.datalogic.com

RS-232
 Select RS232-STD **RS-232 standard interface**
 Select RS232-WN **RS-232 Wincor-Nixdorf**
 Select RS-232 OPOS **RS-232 for use with OPOS/UPOS/JavaPOS**

★ = default value

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Keyboard Interface

Use the programming bar codes to select options for USB-Keyboard Interface.

KEYBOARD
  Select USB Keyboard   **(USB Keyboard with standard key encoding)**
  Select USB Alternate Keyboard   **(USB Keyboard with alternate key encoding)**

Scancode Tables

Refer to Gryphon I GD4600 PRG for information about control character emulation for keyboard interfaces.

Country Mode

This feature specifies the country/language supported by the keyboard. Only the following interfaces support ALL Country Modes.

• USB Keyboard with alternate key encoding

• USB Keyboard with standard key encoding

All other interfaces support ONLY the following Country Modes: U.S., Belgium, United Kingdom, France, Germany, Italy, Spain, Sweden.

COUNTRY MODE

ENTER/EXIT PROGRAMMING MODE

★ Country Mode = U.S.

Country Mode = Belgium

Country Mode = Croatia*

Country Mode = Czech Republic*

Country Mode = Denmark*

Country Mode = France

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COUNTRY MODE (CONTINUED)

Country Mode = French Canadian*

Country Mode = Germany

Country Mode = Hungary*

Country Mode = Italy

Country Mode = Japanese 106-key*

Country Mode = Lithuanian*

Country Mode = Norway*

COUNTRY MODE (CONTINUED)

Country Mode = Poland*

Country Mode = Portugal*

Country Mode = Romania*

Country Mode = Slovakia*

Country Mode = Spain

Country Mode = Sweden

Country Mode = Switzerland*

COUNTRY MODE (CONTINUED)

Country Mode = United Kingdom

★ = default value

* Supports only the interfaces listed in the Country Mode feature description.

PROGRAMMING

The reader is factory-configured with a set of standard default features. After scanning the interface bar code from the Interfaces section, select other options and customize your reader through use of the programming bar codes available in the Gryphon™ I GD4600 PRG. Check the corresponding features section for your interface, and also the Data Editing and Symbologies chapters of the PRG.

Using Programming Bar Codes

This manual contains bar codes which allow you to reconfigure your reader. All programming bar code labels require only the scan of that single label to enact the change.

Configure Other Settings

Additional programming bar codes are available in the PRG to allow customization of programming features. If your installation requires different programming than the standard factory default settings, refer to the PRG.

Resetting Product Defaults

If you are not sure what programming options have been set in your reader, or you have changed some options and want your custom factory settings restored, scan the bar code below to reset the reader to its initial configuration. Refer to the PRG for other options, and a listing of standard factory settings.

NOTE: Factory defaults are based on the interface type. Be sure your reader is configured for the correct interface before scanning this label. See "Selecting the Interface Type" on page 7 **for more information.**

Reset Default Settings

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READING PARAMETERS

Move the reader toward the target and center the aiming pattern and illumination system to capture and decode the image. See "Using the Gryphon™ I GD4600" on page 5 for more information. The aiming system will briefly switch off after the acquisition time, and if no code is decoded will switch on again before the next acquisition. The illuminator will remain on until the symbol is decoded.

As you read code symbols, adjust the distance at which you are holding the reader.

Aiming System

A number of options for customizing control of the Aiming System are available. See the Gryphon™ I GD4600 PRG for more information and programming bar codes.

Good Read Green Spot Duration

Successful reading can be signaled by a good read green spot. Use the bar codes that follow to specify the duration of the good read pointer beam after a good read.

GOOD READ GREEN SPOT DURATION
ENTER/EXIT PROGRAMMING MODE
Disable
★ Short (300 ms)
Medium (500 ms)
Long (800 ms)

★ = default value

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Set the Illuminator Color

The dual-color LED illumination system, offering user-selectable warm white or red light, allows seamless adaptation to any application on the fly.

White illumination improves decoding of colored barcodes, enhances image capture, and is ideal for customer-facing tasks.

Red illumination delivers superior performance in most applications and fully supports Digimarc®.

SET THE ILLUMINATOR COLOR
Red
White

OPERATING MODES

Scan Mode

The reader can be set to operate in one of several scanning modes. See the PRG for more information and settings for any of the following options:

Trigger Single (Default) This mode is associated with the typical handheld reader operation. When the trigger is pulled, illumination is turned on and the scanner attempts to read a label.

Scanning is activated until one of the following occurs:

- the programmable Scanning Active Time[1] expires
- a label has been read
- the trigger is released

Trigger Hold Multiple - When the trigger is pulled, scanning starts and the product scans until the trigger is released or Scanning Active Time[1] expires. Reading a label does not disable scanning. Double Read Timeout[1] prevents undesired multiple reads while in this mode.

Trigger Pulse Multiple - Scanning begins when the trigger is pulled and continues after the trigger is released, until the trigger is pulled again or until the programmable Scanning Active Time[1] expires. Reading a label does not disable scanning. Double Read Timeout[1] prevents undesired multiple reads while in this mode.

Flashing - The reader illuminator flashes on and off regardless of the trigger status. Code reading takes place only during the Flash On Time. Double Read Timeout[1] prevents undesired multiple reads.

Always On - The illuminator is always ON and the reader is always ready for code reading. Double Read Timeout[1] prevents undesired multiple reads.

Object Detection - The scanner looks for changes within its field-of-view. The Aiming Pattern is always on to show the optimum reading area. If a predefined amount of movement is detected, the green illumination switches on. Scanning continues until a label is read or Scanning Active Time[1] expires.

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1. See the Product Reference Guide (PRG) for these and other programmable features.

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SCAN MODE

ENTER/EXIT PROGRAMMING MODE

★ Trigger Single

Trigger Hold Multiple

Trigger Pulse Multiple

★ = default value

SCAN MODE (CONTINUED)

Scan Mode Flashing[a]
Scan Mode Always ON
Stand Mode

a. Controlled by Flash On Time and Flash Off Time. See the PRG to program these parameters.

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PICK MODE

This option specifies the ability of the reader to decode labels only when they are close to the center of the aiming pattern, which is the area indicated by the green cross. Pick Mode is a Decoding and Transmission process where bar codes that are not within the configurable distance from the center of the aiming pattern are not acknowledged or transmitted to the host. It is active only while the scanner is in Trigger Single mode. If the scanner switches to a different Read Mode, Pick Mode is automatically disabled.

> **NOTE: This feature is not compatible with Multiple Labels Reading in a Volume. See the PRG for more information.**

PICK MODE
ENTER/EXIT PROGRAMMING MODE
★ Pick Mode = Disable
Pick Mode = Enable

★ = default value

MULTIPLE LABEL READING

The reader offers a number of options for multiple label reading. See the PRG or software configuration tool for descriptions of these features and programming labels.

CONFIGURATION FOR BEDSIDE POINT OF CARE (BPOC) APPLICATIONS

BEDSIDE POINT OF CARE (BPOC) configurations apply a predefined set of hospital-specific barcodes and enable several related features, such as the low-volume setting.

CONFIGURATION FOR BEDSIDE POINT OF CARE APPLICATIONS

BPOC

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TECHNICAL SPECIFICATIONS

The following table contains Physical and Performance Characteristics, User Environment and Regulatory information.

PHYSICAL CHARACTERISTICS	
Color	Black White
Dimensions	Height 18 cm (7.1") Length 7.9 cm (3.1") Width 6.5 cm (2.6") Corded Models with Presentation Mode Base: Height 21 cm (8.2") Length 10.9 cm (4.2") Width 7.5 cm (2.9")
Weight	GD4600 approx. 144 g / 5.1 oz GD4600 corded models with presentation mode base. 426 g / 15.0 oz
ELECTRICAL CHARACTERISTICS	
Input Voltage	GD4690 (HP models): 4,5 - 14,0 VDC +/- 5% GD4620 (HD models): 5 VDC +/- 5%
Consumption	Operating: <300 mA @ 5V; < 150 mA @ 12V Standby/Idle: < 70 mA @ 5V; <40 mA @ 12V
Max. Scan Rate	60 frames/sec
Reading Indicators	Beeper (adjustable tone); Good-read feedback: Datalogic 'Green Spot' on the Code; Good-read LED

ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	0 °C to + 50 °C (+32° F to +122 °F)
Storage Temperature	-40 °C to + 70 °C (-40 ° F to +158 °F)
Humidity	95% non condensing
Drop Resistance	IEC 68-2-32 Tested 1.8 m (6 ft)
ESD Protection	16 KV
Tumble Specification	Designed to withstand 2,000 1.5 ft./0.5 m tumbles
Trigger Resistance	Withstands 10 Mhits
Protection Class	IP52
Cable Length	Refer to www.datalogic.com

OPTICAL CHARACTERISTICS

Imager Sensors	High Performance models (HP, dual sensor): 1.5 Megapixel (1360 x 1120 pixels) + VGA (640 x 600 pixels) High Density models (HD, single sensor): 1.5 Megapixel (1360 x 1120 pixels)
Illumination System	Illumination: dual color Warm White or Hyper Red LED (user selectable) IEC 62471 Exempt Risk Group
Aiming System	LED Green central cross IEC 62471 Exempt Risk Group
Ambient Light	Up to 110,000 lux
Tilt Tolerance	0° – 360°
Pitch Tolerance	± 65°
Skew Tolerance	± 65°
Field of View	HP: dual sensor (47° x 40° and 22° x 20°) HD: single sensor (47° x 40°)
PCS (Datalogic Test Chart)	minimum 15%

DOF – DEPTH OF FIELD (TYPICAL)[a]

Symbology	HP models (High Performance)	HD models (High Density)
Code 39	3 mils: 2.5 - 20 cm (1.0" - 7.9") 5 mils: 0.5 - 35 cm (0.2" - 13.8") 10 mils: 0[b] - 60 cm (0.0" - 23.6") 20 mils: 0[b] - 125 cm (0.0" - 49.2")	3 mils: 2.5 - 15 cm (0.9" - 5.9") 5 mils: 0.5 - 22 cm (1.9" - 8.6") 10 mils: 0[b] - 35 cm (0.0"-13.7") 20 mils: 0[b] - 52 cm (0.0"-20.4")
Code 128	3 mils: 3.5 - 14.5 cm (1.3" - 5.7") 5 mils: 1.5 - 30 cm (0.5" - 11.8") 7.5 mils: 0[b] - 46 cm (0.0" - 18.1") 15 mils: 0[b] - 90 cm (0.0" - 35.4")	3 mils: 3.5 - 11.5 cm (1.3" - 4.5") 5 mils: 1.5 - 20 cm (0.5" - 7.8") 7.5 mils: 0[b] - 25 cm (0.0" - 9.8") 15 mils: 0[b] - 38 cm (0.0"- 14.9")
EAN 13	13 mils: 0[b] - 100 cm (0.4" - 39.3")	13 mils: 0[b] - 50 cm (0" - 19.6")
PDF 417	5 mils: 2.5 - 17 cm (0.9" - 6.6") 6.7 mils: 1 - 24.5 cm (0.3" - 9.6") 10 mils: 0.5[b] - 38.5 cm (0.2"-15.1")	5 mil: 2.5 - 15 cm (0.9" - 5.9") 6.7 mil: 1 - 19 cm (0.3" - 7.4") 10 mil: 0.5[b] -27 cm (0.2"-15.1")
Data Matrix	5 mils: 3.5 - 10 cm (1.3" - 3.9") 7.5 mils: 2 - 20 cm (0.7" - 7.8") 10 mils: 0.5[b] - 29.5 cm (0.2"-11.6") 15 mils: 0.5[b] - 44 cm (0.2" - 17.3")	5 mils: 3.5 - 10 cm (2.2" - 3.5") 7.5 mils: 2 - 15 cm (0.7" - 5.9") 10 mils: 0.5[b] - 20 cm (0.2"- 7.8") 15 mils:0.5[b] -26 cm (0.2"-10.2")
QR	10 mils: 0.5[b] - 25 cm (0.2" - 9.8") 20 mils: 0.5[b] - 51 cm (0.2" - 20")	10 mils: 0.5[b] - 20 cm (0.2"-7.8") 20 mils: 0.5[b] -32 cm (0.2"-12.5")
Resolution (Maximum)	1D Linear: 0.077 mm / 3 mils PDF417: 0.077 mm / 3 mils Data Matrix: 0.102 mm / 4 mils	

a. Label size, printing resolution, contrast, and ambient light dependent. All labels grade A. 13 mils DOF based on EAN. Typical environmental light, 20°C.

b. Minimum distance determined by symbol length and scan angle.

DECODE CAPABILITY

1D Bar Codes

UPC/EAN/JAN (A, E, 13, 8); UPC/EAN/JAN (including P2 /P5); UPC/EAN/JAN (including; ISBN / Bookland & ISSN); UPC/EAN Coupons; Code 39 (including full ASCII); Code 39 Trioptic; Code39 CIP (French Pharmaceutical); LOGMARS (Code 39 w/ standard check digit enabled); Danish PPT; Code 32 (Italian Pharmacode 39); Code 128; Code 128 ISBT; Interleaved 2 of 5; Standard 2 of 5; Interleaved 2 of 5 CIP (HR); Industrial 2 of 5; Discrete 2 of 5; Matrix 2 of 5; IATA 2of5 Air cargo code; Code 11; Codabar; Codabar (NW7); ABC Codabar; EAN 128; Code 93 ; MSI; PZN; Plessey; Anker Plessey; GS1 DataBar Omnidirectional; GS1 DataBar Limited; GS1 DataBar Expanded; GS1 DataBar Truncated; DATABAR Expanded Coupon.

2D / Stacked Codes

The Gryphon I GD4600 scanner is capable of decoding the following symbologies using multiple frames (i.e. Multi-Frame Decoding):
Data Matrix; Inverse Data Matrix; Data Matrix is configurable for the following parameters:; Normal or Inverted; Square or Rectangular Style; Data length (1 - 3600 characters); Maxicode; QR Codes (QR, Micro QR and Multiple QR Codes); Aztec; Postal Codes - (Australian Post; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail Code (RM45CC); Intelligent Mail Barcode (IMB); Sweden Post; Portugal Post); LaPoste A/R 39; PDF-417; MacroPDF; Micro PDF417; GS1 Composites (1 - 12); French CIP13[a]; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Expanded Stacked; GSI Databar Composites; Chinese Sensible Code; Inverted 2D codes[b].

a. It is acceptable to handle this with ULE
b. The SW can apply the Normal/Reverse Decoding Control to the following symbologies: Data Matrix, QR, Micro QR, Aztec and Chinese Sensible Code.

REGULATORY

See Regulatory Addendum

LED AND BEEPER INDICATIONS

The imager's beeper sounds and its illumination flashes or changes color to indicate various functions or errors on the reader. A "Green Spot" also lights to indicate a good read. The tables below list these indications. Reference the PRG for a more detailed list.

INDICATION	LED	BEEPER
Power-up	Upper LED flashes/blinks on power-up, however, this may be too rapid to view. With a USB interface, the LED blinks until enumeration with the host is completed.	Imager beeps four times at highest frequency and volume upon power-up.
Good Read	Upper green LED comes on for programmed time (default). LED behavior for this indication is configurable using Aladdin utility.	One beep at current frequency, volume, mono/bi-tonal setting upon a successful label scan. It is also possible to upload custom jingles with Aladdin.
ROM Failure	200ms on / 200ms off	Imager sounds one error beep at highest volume for 200 mS.
Limited Scanning Label Read	N/A	Imager 'chirps' six times at the highest frequency and current volume.
Imager Disabled	The LED blinks continuously 100mS on / 900 mS off	N/A

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Nothing happens when the scan button is pulled.	No power to the imager.	Check system power. Ensure power supply is connected.
	Interface or power cables are loose.	Ensure all cable connections are secure.
LED comes on, but bar code is not decoded.	Imager not programmed for correct bar code type.	Ensure reader is programmed to read the type of bar code scanned. Refer to the PRG for more information.
	Bar code label is unreadable.	Check the label to ensure it is not defaced. Try to scan another bar code type.
	Distance between reader and bar code is incorrect.	Move imager closer to or further from the bar code.
Bar code is decoded but not transmitted to the host.	Imager not programmed for the correct host type.	Scan the appropriate host type bar code. Refer to the PRG for more information.

NOTE: For detailed troubleshooting, refer to the PRG (Product Reference Guide).

WARRANTY

Datalogic warrants that the Products shall be free from defects in materials and workmanship under normal and proper use during the Warranty Period. Products are sold on the basis of specifications applicable at the time of manufacture and Datalogic has no obligation to modify or update Products once sold. The Warranty Period shall be **five years** from the date of shipment by Datalogic, unless otherwise agreed in an applicable writing by Datalogic.

Datalogic will not be liable under the warranty if the Product has been exposed or subjected to any: (1) maintenance, repair, installation, handling, packaging, transportation, storage, operation or use that is improper or otherwise not in compliance with Datalogic's instruction; (2) Product alteration, modification or repair by anyone other than Datalogic or those specifically authorized by Datalogic; (3) accident, contamination, foreign object damage, abuse, neglect or negligence after shipment to Buyer; (4) damage caused by failure of a Datalogic-supplied product not under warranty or by any hardware or software not supplied by Datalogic; (5)any device on which the warranty void seal has been altered, tampered with, or is missing; (6) any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items; (7) use of counterfeit or replacement parts that are neither manufactured nor approved by Datalogic for use in Datalogic-manufactured Products; (8) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.; (9) loss of data; (10) any consumable or equivalent (e.g. cables, power supply, batteries, etc.); or (11) any device on which the serial number is missing or not recognizable.

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ERGONOMIC RECOMMENDATIONS

CAUTION: In order to avoid or minimize the potential risk of ergonomic injury, follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

• Reduce or eliminate repetitive motion

• Maintain a natural position

• Reduce or eliminate excessive force

• Keep objects that are used frequently within easy reach

• Perform tasks at correct heights

• Reduce or eliminate vibration

• Reduce or eliminate direct pressure

• Provide adjustable workstations

• Provide adequate clearance

• Provide a suitable working environment

• Improve work procedures.

TECHNICAL SUPPORT

Support Through the Website

Datalogic provides several services as well as technical support through its website. Log on to (www.datalogic.com).

For quick access, from the home page click on the search icon Q , and type in the name of the product you're looking for. This allows you access to download Data Sheets, Manuals, Software & Utilities, and Drawings.

Hover over the Support & Service menu for access to Services and Technical Support.

Reseller Technical Support

An excellent source for technical assistance and information is an authorized Datalogic reseller. A reseller is acquainted with specific types of businesses, application software, and computer systems and can provide individualized assistance.

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CLEANING PROCEDURE

Cleaning plastic surfaces

Exterior surfaces and scan windows exposed to spills, smudges or debris accumulation require periodic cleaning to ensure best performance during scanning operations. Follow the procedures described in this instruction sheet to keep your Gryphon device in good operating condition.

⚠️ **WARNING: Be sure to turn off power and unplug the device from electrical outlet before cleaning.**

⚠️ **CAUTION: DO NOT use abrasive pads or cleaning agents.**

Common Cleaning Solutions

The cleaners and disinfectants listed below are recommended for use on Datalogic GD4600 HC (white) models:

PRODUCT	CHEMICAL CONTENT
Sani-Cloth® HB, Sani-Cloth® Plus, Super Sani-Cloth®	Quaternary Ammonium Chloride solution
Hepacide Quat II	Virucidal disinfectant cleaner
Alcohol Wipes	70% Isopropyl Alcohol
CaviWipes™	lsopropanol 10-20%; Ethylene Glycol Monobutyl Ether 1-5%
Virex® 256	n-Alkyl Dimethyl Benzyl Ammonium Chloride; Didecyl Dimethyl Ammonium Chloride
Formula 409® Glass and Surface Cleaner	n-Alkyl Dimethyl Benzyl Ammonium Chloride; n-Propoxypropanol
Windex® Blue	lsopropyl Alcohol
Clorox® Bleach; Clorox Healthcare Bleach Germicidal Cleaner	Sodium Hypochlorite; Sodium Hydroxide
Hydrogen Peroxide	3%
ProSpray™ Wipes (Disinfectant towelettes}	0.647% o-phenylphenol; 0.070% o-benzyl-p-chlorophenol

PRODUCT	CHEMICAL CONTENT
100% Gentle dish soap and water	

The cleaners and disinfectants listed below are recommended for use on Datalogic GD4600 black models:

CLEANERS	DISINFECTANTS
Formula 409® Glass and Surface Cleaner	CaviWipes™
Isopropyl alcohol	Clorox® Bleach
Dish soap and water	Hepacide Quat® II
Windex® Original Blue	Sani-Cloth®
	Virex® 256

NOTE: Disinfectants may be harsh on metal. They are recommended for use only on enclosures.

CAUTION: DO NOT spray or pour cleaner directly onto the unit.
DO NOT use solutions in their concentrated form.
DO NOT use aerosols, solvents or abrasives.
DO NOT use paper towels or rough cloths to clean windows.

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Cleaning enclosure and window surfaces

1. Moisten a soft cloth with a recommended cleaning
    solution. Be sure to apply the solution to your cloth
    first. Wring excessive liquid from the cloth.

2. Use the cloth to wipe down the surface of the unit.
    Use cotton swabs, lightly moistened, to reach in cor-
    ners and crevices.

3. Use another clean dry cloth to remove any residue of
    the cleaning agent and ensure the unit is dry.

PM-BASE-GD46-BK PRESENTATION MODE BASE MOUNTING INSTRUCTIONS

General Features

The presentation mode base PM-BASE-GD46-BK is a foot support, designed to be an implementable accessory for the Gryphon™ GD4600 bar code reader.

Stand Mode/Object Detection

Scan the below programming bar code to set the Stand Mode/Object Detection mode.

No trigger pull is required to read a bar code.

Scanning turns on automatically when an item is placed in reader's field of view.

While in a stand watch state, the reader illumination LED goes from dim to maximum bright.

Corded Stand Mode = Disable

Corded Stand Mode = Enable
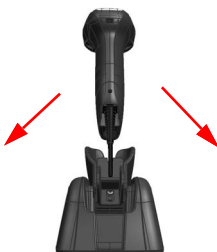
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Mounting Instructions

To mount the presentation mode base, please follow the steps described below: The visible screw on the bracket must be loosened and the foot support cap lowered, as shown in Figure 1.

1. To insert the Gryphon™ GD4600 bar code reader, enter the foot support with a downward and then backward movement (Figure 2).

2. Once the Gryphon™ is correctly inserted, the foot support cap can be lifted and the screw tightened.

3. To remove the Gryphon™ from the presentation mode base, loosen the screw, slide the foot support cap down and then release the Gryphon™ in a right-to-left or vice versa movement (Figure 3).

Video Tutorial

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