



Gryphon™ | GPS4400

On-Counter Presentation Scanner



Quick Reference Guide

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Gryphon GPS4400

On-Counter Presentation Scanner

The Gryphon™ 4400 series represents a premium level in bar code data collection devices from Datalogic using advanced imaging technology. The GPS4400 countertop presentation scanner offers hands-free scanning of small, easily handled items and handheld scanning operation for bulkier items. The reader's compact size makes it the ideal solution for space-constrained environments.

With a precise reading area, it is perfect for hands-free or handheld scanning and helps reduce accidental misreads of items caused by stray laser scan lines - improving productivity and customer satisfaction.

Its aggressive imaging performance and intuitive operation reduces user training and speeds checkout for better customer service.

The GPS4400 2D bar code scanner module features outstanding near-field reading, a wide angle field-of-view, high motion tolerance, snappy reading, and also offers excellent performance when decoding poor or damaged bar codes. As with all Gryphon readers, the GPS4400 reader offers good-read visual confirmation with Datalogic's patented 'Green Spot' technology as well as supporting advanced features like image capture.

User comfort is maximized with the GPS4400 OEM module's steady, deep red illumination light. Easier on the eyes than competitive products with flicker illumination, the highly visible 4-Dot aimer defines a precise reading zone and reduces accidental reads. The aimer's center cross provides a locator for targeted scanning in a multiple bar code environment.

The GPS4400 omni-directional reading provides quick decoding performance on all common 1D and 2D codes as well as postal, stacked and composite codes like PDF417.

For mobile marketing or ticketing applications, this imager also offers excellent performance when reading bar codes from mobile devices. The GPS4400 eliminates the need for separate equipment with signature capture and document scanning capabilities.

The GPS4400 supports several modes that can be used as a trigger. This module has the ability to automatically sense objects and trigger itself. A continuous scan mode captures data whenever a bar code passes into its field-of-view.

The reader can also be triggered remotely through software commands. The GPS4400 bar code scanner supports an RS-232 serial interface or a USB (USB-HID or USB COM) interface.

Reading a Bar Code

The Gryphon GPS4400 can be used as either a hands-free presentation scanner or a handheld. Read a bar code label by presenting the label to the scanner, or by moving the scanner toward the target. Center the aiming pattern and illumination system to capture and decode the image. 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 illumination will remain on until the symbol is decoded.

Setting Up the Reader

Scan the appropriate bar code for your reader's interface type from the following section.

RS-232 Interface

RS-232 standard interface



Select RS-232 STD

RS-232 Wincor-Nixdorf



Select RS-232 W-N

RS-232 for use with OPOS/UPOS/JavaPOS



Select RS-232 OPOS

USB Interface

The reader attaches directly to a USB host or a powered USB hub, and is powered by it. No additional power supply is required. The reader auto-detects the USB and defaults to the USB-KBD interface.

To simulate a Keyboard, scan the bar code below:



Interface Selection: USB-KBD

Select USB Keyboard with alternate key encoding:



USB Alternate Keyboard

Select USB Keyboard for Apple computers:



USB-KBD-APPLE

To simulate a serial interface, scan the bar code below:



Interface Selection: USB-COM



IMPORTANT

Download the correct USB COM driver from:
<http://www.datalogic.com>.

USB-OEM (for use with OPOS/UPOS/JavaPOS):

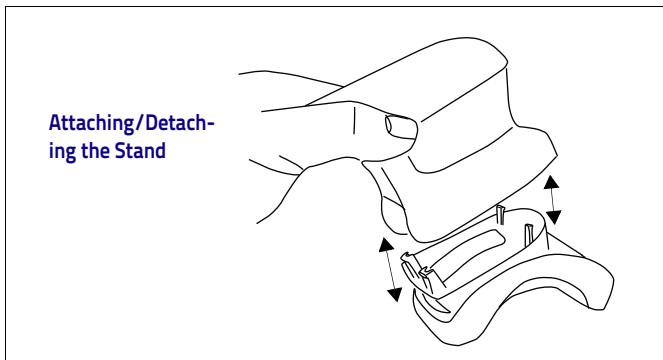


Select USB-OEM

Attaching/Detaching the Stand

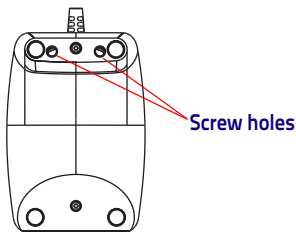
The reader can be removed or attached to the stand simply by snapping on or off. To attach, align the holes on the bottom of the scanner with the posts on the stand and push down to snap in place. To remove, just pull straight up to detach the reader from the base.

For specific size information, see [GPS4400 Dimensions](#) on page 22.



If desired, the stand can be mounted to a stationary surface using two screws.

Stand bottom



Programming

The reader is factory-configured with a set of standard default features or loaded with a custom configuration, depending upon the model ordered. After scanning the interface bar code from the Interfaces section (if necessary), you can select other options and customize your reader through use of the programming bar codes available in the Gryphon I GPS4400 Product Reference Guide (PRG).

Programming can also be performed using the Datalogic Aladdin™ Configuration application, which is downloadable from the Datalogic website listed on the back cover of this manual. This multi-platform utility program allows device configuration using a PC. It communicates with the device using a serial or USB cable, and can also create configuration bar codes to print.

Using Programming Bar Codes

This manual contains bar codes which allow you to reconfigure your reader. Some programming bar code labels, like the one for [Resetting Product Defaults on page 8](#), require only the scan of that single label to enact the change.

Other bar codes require the reader to be placed in Programming Mode prior to scanning them. Scan an ENTER/EXIT bar code once to enter Programming Mode; scan the desired parameter settings; scan the ENTER/EXIT bar code again to accept your changes, which exits Programming Mode and returns the reader to normal operation.

Configure Other Settings

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

Resetting Product Defaults

If you aren't sure what programming options are in your reader, or you've changed some options and want your default settings restored, scan the bar code below to reset the reader to its initial configuration.



NOTE

Defaults are based on the interface type. Be sure your reader is configured for the correct interface before scanning this label.



Restore Custom Default Settings

The product can also be restored to its original factory default settings. Reference the PRG for this option, and for a list of standard factory settings.

Aiming System

A number of options for customizing control of the Aiming System are available. See the 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.



ENTER/EXIT PROGRAMMING MODE



Disabled



♦ Short (300 ms)



Medium (500 ms)



Long (800 ms)

Operating Modes

The reader can operate in one of several scanning modes.



NOTE

See the PRG for further information on the operation of reading modes, and additional programmable features.

On Line (Single Trigger): Scanning is manually activated when the trigger button is pushed.

Serial On Line: Scanning is initiated by command sent through the host interface (manual triggering can be enabled in this read mode through option setting).

Automatic (Always On): Scanning is continually on.

Automatic (Object Sense): Scanning is turned on automatically when an item is placed in the reader's field of view.



ENTER/EXIT PROGRAMMING MODE



On Line (Single Trigger)

Operating Modes (continued)



Serial On Line



Automatic (Always On)



◆ Automatic (Object Sense)

Technical Features

| Item | Description | |
|----------------------------|---|--|
| Physical Characteristics | | |
| Color | White/Gray Dark Gray/Black | |
| Dimensions | Without Stand Height: 74 mm Length: 95 mm Width: 64 mm | With Stand Height: 121 mm Length: 107 mm Width: 73 mm |
| Weight | Without Stand: 295.0 g / 10.4 oz | With Stand: 178.0 g / 6.3 oz |
| Electrical Characteristics | | |
| Input Voltage | 5 VDC ± 5% Overvoltage tolerant to 14VDC | |

| Item | Description |
|--|---|
| Current & Power Consumption | |
| Input current at 5V in Automatic (Object Sense) Reading Mode | |
| Operating (typical) | <180 mA |
| Operating (max) | <200 mA |
| Operating (peak*) | <300 mA |
| Idle/standby (typical) | 55 mA (OnLine & Serial OnLine Modes) 105 mA (Automatic Object Sense Mode) No idle in Automatic Mode |
| * Peak hold sample time 100mS | |

| Performance Characteristics | | | | | |
|--|---|-----|------|--------|------|
| Nominal Frame Rate | 53 frames/second | | | | |
| Light Source | Dual Red LEDs | | | | |
| Roll (Tilt) Tolerance | Up to ± 180° | | | | |
| Pitch Tolerance | ± 40° | | | | |
| Skew (Yaw) Tolerance | ± 40° | | | | |
| Print Contrast Minimum | 25% minimum reflectance | | | | |
| Field of View | 40° H x 26° V | | | | |
| Depth of Field (Typical) | | cm | | inches | |
| | | NF | FF | NF | FF |
| | Code 39 4mil | 4.2 | 15.4 | 1.7 | 6.0 |
| | Code 39 5mil | 2.6 | 18.8 | 1.0 | 7.4 |
| | Code 39 10mil | 0.0 | 37.9 | 0.0 | 14.9 |
| | Code 39 20mil | 0.0 | 57.1 | 0.0 | 22.5 |
| | EAN 7.5mil | 1.2 | 25.5 | 0.5 | 10.0 |
| | EAN 13mil | 0.8 | 42.2 | 0.3 | 16.6 |
| | PDF-417 6.6mil | 1.6 | 13.7 | 0.6 | 5.4 |
| | PDF-417 10mil | 0.0 | 22.4 | 0.0 | 8.8 |
| | PDF-417 15mil | 0.0 | 34.6 | 0.0 | 13.6 |
| | DataMatrix 10mil | 2.3 | 14.5 | 0.9 | 5.7 |
| | DataMatrix 15mil | 0.0 | 23.2 | 0.0 | 9.1 |
| | QR Code 10mil | 2.3 | 14.3 | 0.9 | 5.6 |
| | QR Code 15mil | 0.0 | 23.0 | 0.0 | 9.0 |
| Minimum Element Width | 1D Min Resolution = 4 mil PDF-417 Min Resolution = 5 mil Datamatrix Min Resolution= 7 mil | | | | |
| * 13 mils DOF based on EAN. All others are Code 39. All labels grade A, minimum illumination 100 lux, 20°C, label inclination 10°, static reading. | | | | | |

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; Datalogic 2 of 5 (China Post Code/Chinese 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 GPS4400 scanner is capable of decoding the following symbolologies using multiple frames (i.e. Multi-Frame Decoding):
 Datamatrix; Inverse Datamatrix; Datamatrix 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; 4-State Canada; PDF-417; MacroPDF; Micro PDF417; GS1 Composites (1 - 12); Codablock F; French CIP13^a; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Expanded Stacked; GS1 Databar Composites; Chinese Sensible Code; Inverted 2D codes^b.

^aIt is acceptable to handle this with ULE

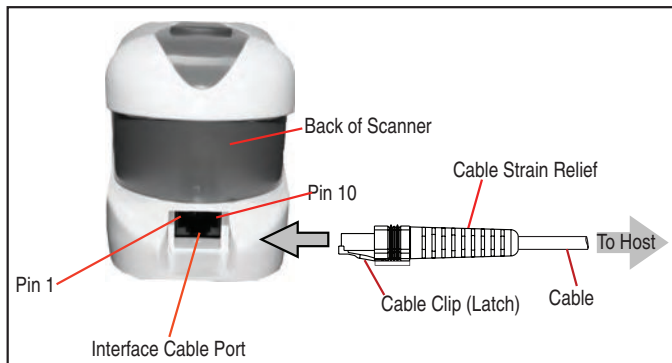
^bThe SW can apply the Normal/Reverse Decoding Control to the following symbolologies: Datamatrix, QR, Micro QR, Aztec and Chinese Sensible Code.

NOTE: The Scanner can also decode mirrored images of 2D matrix codes Data-matrix, QR Code and Maxicode.

| | |
|-----------------------------|--|
| Interfaces Supported | RS-232 types: STD, W-N & OPOS USB types: COM, KBD & OEM |
| User Environment | |
| Operating Temperature | 0° to 50° C (32° to 122° F) |
| Storage Temperature | -40° to 70° C (-40° to 158° F) |
| Humidity | Operating: 5% to 90% relative humidity, non condensing |
| Drop specifications | 5 drops from 4 feet (1.2 m) to concrete |
| Ambient Light immunity | Up to 100,000 Lux |
| Contaminants | IEC529-IP52 |
| ESD Level | 16 KV |
| Regulatory | |
| LED Emission Class | (IEC-62471:2006-07) Exempt (No Risk) IEC60825-1: 2007 |
| Electrical Safety | IEC/EN60950-1 |
| EMI/EMC | EN55022/EN55024 |
| Laser Safety | IEC Class 2 |
| Wavelength: | 650nm |
| Beam Divergence: | ±8° |
| Pulse Duration: | Continuous Wave |
| Max Power Output: | 1mW Avg. |

Host Interface Connections

The reader auto-detects if a USB host cable is attached at powerup, and switches the host interface to USB in that event.

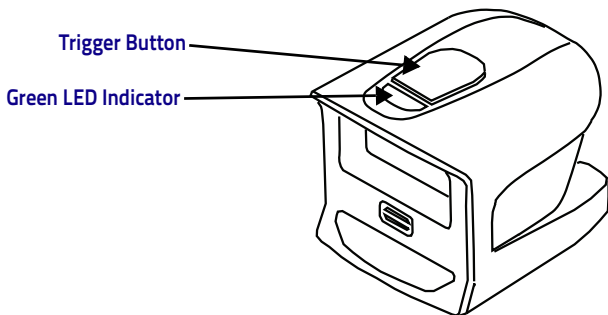


| | | |
|----|-----|--|
| 1 | RTS | (out) RS-232 Request to Send (output from scanner) |
| 2 | D+ | USB D Plus |
| 3 | D- | USB D Minus |
| 4 | GND | Ground |
| 5 | RX | RS-232 Receive Data (input to scanner) |
| 6 | TX | RS-232 Transmit Data (output from scanner) |
| 7 | VCC | +5Vdc |
| 8 | NC | No connection |
| 9 | NC | No connection |
| 10 | CTS | (in) RS-232 Clear To Send (input to scanner) |

LED and Beeper Indications

The top of the product has a button and an indicator LED:

| | |
|-----------------------|---|
| Trigger Button | Press for manual trigger |
| Green LED ON = | Good Read or trigger button press |
| Green LED Blinks = | USB enumeration or interface inactive, waiting for change of configuration, during transfer of captured image, or during Flash memory updates |



Indicators

The reader's beeper sounds and its LED illuminates to indicate various functions or errors on the reader. An optional 'Green Spot' also performs useful functions. The following tables list these indications. One exception to the behaviors listed in the tables is that the reader's functions are programmable, and so may or may not be turned on. For example, certain indications such as the power-up beep can be disabled using programming bar code labels.

| Indicator | Description | LED | Beeper |
|-----------------------------|--|---|--|
| Power-up Beep | The reader is in the process of power-ing-up. | | Reader beeps four times at highest frequency and volume upon power-up. |
| Good Read Beep | A label has been successfully scanned by the reader. | LED behavior for this indication is configurable via the feature 'Good Read: When to Indicate' (see the PRG for information.) | The reader will beep once at current frequency, volume, mono/bi-tonal setting and duration upon a successful label scan. |
| ROM Failure | There is an error in the reader's software/programming | Flashes | Reader sounds one error beep at highest volume. |
| Limited Scanning Label Read | Indicates that a host connection is not established. | N/A | Reader 'chirps' six times at the highest frequency and current volume. |

| Indicator | Description | LED | Beeper |
|---|--|--------------------------------------|--------|
| Reader Active Mode | The reader is active and ready to scan. | The LED is lit steadily ^a | N/A |
| Reader Disabled | The reader has been disabled by the host. | The LED blinks continuously | N/A |
| Green Spot ^a flashes momentarily | Upon successful read of a label, the software shall turn the green spot on for the time specified by the configured value. | N/A | N/A |
| Image Capture | On when ready to capture image | LED on | N/A |
| Flash Memory Update | Occurs while update is in progress | LED blinks | |

^aExcept when in sleep mode or when a Good Read LED Duration other than 00 is selected

Programming Mode - The following indications ONLY occur when the reader is in Programming Mode.

| Indicator | Description | LED | Beeper |
|--|---|-------------------------|---|
| Label Programming Mode Entry | A valid programming label has been scanned. | LED blinks continuously | Reader sounds four low frequency beeps. |
| Label Programming Mode Rejection of Label | A label has been rejected. | N/A | Reader sounds three times at lowest frequency and current volume. |
| Label Programming Mode Acceptance of Partial Label | In cases where multiple labels must be scanned to program one feature, this indication acknowledges each portion as it is successfully scanned. | N/A | Reader sounds one short beep at highest frequency and current volume. |
| Label Programming Mode Acceptance of Programming | Configuration option(s) have been successfully programmed via labels and the reader has exited Programming Mode. | N/A | Reader sounds one high frequency beep and four low frequency beeps followed by reset beeps. |
| Label Programming Mode Cancel Item Entry | Cancel label has been scanned. | N/A | Reader sounds two times at low frequency and current volume. |

Error Codes

Upon startup, if the reader sounds a long tone, this means the reader has not passed its automatic Selftest and has entered FRU (Field Replaceable Unit) isolation mode. If the reader is reset, the sequence will be repeated. Press and release the trigger to hear the FRU indication code.

The following table describes the LED flashes/beep codes associated with an error found.

| Number of LED Flashes/Beeps | Error | Corrective Action |
|------------------------------------|---------------|---------------------------------|
| 1 | Configuration | Contact Helpdesk for assistance |
| 2 | Interface PCB | |
| 6 | Digital PCB | |
| 11 | Imager | |

GPS4400 Dimensions

Figure 1. GPS4400 Without Stand

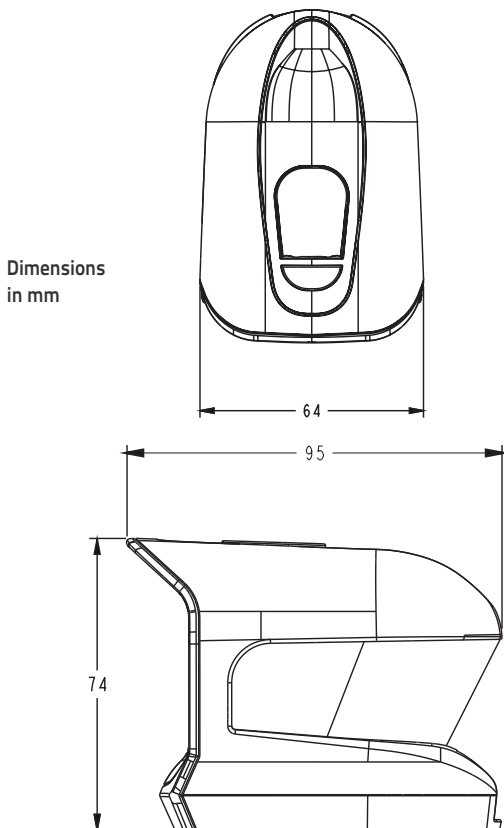
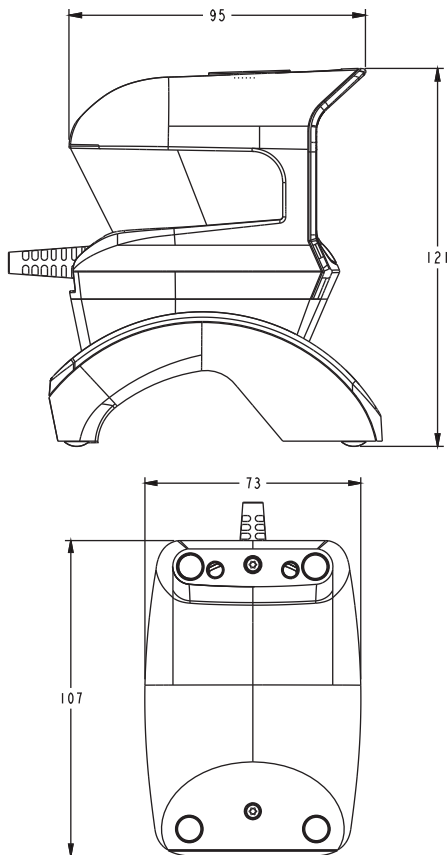


Figure 2. GPS4400 Dimensions With Stand

Dimensions
in mm



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.

Cleaning

Exterior surfaces and scan windows exposed to spills, smudges or debris require periodic cleaning to ensure best performance during scanning.



Use a soft, dry cloth to clean the product. If the product is very soiled, clean it with a soft cloth moistened with a diluted non-aggressive cleaning solution or diluted ethyl alcohol.



CAUTION

Do not use abrasive or aggressive cleansing agents or abrasive pads to clean scan windows or plastics.

Do not spray or pour liquids directly onto the unit.

Datalogic ADC Limited Factory Warranty

Warranty Coverage

Datalogic warrants to Customer that Datalogic's products will be free from defects in materials and workmanship for a period of 3 years from product shipment. This warranty does not extend to batteries and cables. As consumable items batteries and cables carry a 90 day warranty from time of purchase for DOA (dead on arrival) defects. In order to obtain service under this Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the Warranty period and obtain from Datalogic a return authorization number for return of the product to designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations.

Datalogic ADC ("Datalogic") hardware products are warranted against defects in material and workmanship under normal and proper use. The liability of Datalogic under this warranty is limited to furnishing the labor and parts necessary to remedy any defect covered by this warranty and restore the product to its normal operating condition. Repair or replacement of product during the warranty does not extend the original warranty term. 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.

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship

and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired product from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired units and at its sole discretion can return the units in the 'factory default' configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

- (i) any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;
- (ii) any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;
- (iii) any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;

- (iv) any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;
- (v) 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;
- (vi) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;
- (vii) the replacement of upper window/cartridge due to scratching, stains or other degradation and/or
- (viii) any consumable or equivalent (e.g., cables, power supply, batteries, keypads, touch screen, triggers etc.).

No Assignment

Customer may not assign or otherwise transfer its rights or obligations under this warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

DATALOGIC'S LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAMAGES SUSTAINED BY CUSTOMER ARISING FROM DELAYS IN THE REPLACEMENT OR REPAIR OF PRODUCTS UNDER THE ABOVE. THE REMEDY SET FORTH IN THIS WARRANTY STATEMENT IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR WARRANTY CLAIMS. UNDER NO CIRCUMSTANCES WILL DATALOGIC BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER DATALOGIC HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

Services and Support

Datalogic provides several services as well as technical support through its website. Log on to www.datalogic.com and click on the links indicated for further information.

Products

Search through the links to arrive at your product page where you can download specific **Manuals** and **Software & Utilities**, including:

- **Datalogic Aladdin™**, a multi-platform utility program that allows for both RS-232 and USBCOM communications interfacing. The GUI-based application provides an easy mechanism for setting scanner configuration, as well as configuration bar code printing.

Service & Support

- **Technical Support** - Product documentation and programming guides and Technical Support Department in the world
- **Service Programs** - Warranty Extensions and Maintenance Agreements
- **Repair Services** - Flat Rate Repairs and Return Material Authorization (RMA) Repairs
- **Downloads** – Manuals & Documentation, Data Sheets, Product Catalogues, etc.

Contact Us

- Information Request Form and Sales & Service Network

NOTES



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