# **DATALOGIC**

## PowerScan<sup>™</sup> PD7100 Corded Linear Imaging Reader



#### Datalogic ADC, Inc.

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This product may be covered by one or more of the following patents: 4603262 • 4639606 • 4652750 • 4672215 • 4699447 • 4709369 • 4749879 • 4786798 • 4792666 • 4794240 • 4798943 • 4799164 • 4820911 • 4845349 • 4861972 • 4861973 • 4866257 • 4868836 • 4879456 • 4939355 • 4939356 • 4943127 • 4963719 • 4971176 • 4971177 • 4991692 • 5001406 • 5015831 • 5019697 • 5019698 • 5086879 • 5115120 • 5144118 • 5146463 • 5179270 • 5198649 • 5200597 • 5202784 • 5208449 • 5210397 • 5212371 • 5212372 • 5214270 • 5229590 • 5231293 • 5232185 • 5233169 • 5235168 • 5237161 • 5237162 • 5239165 • 5247161 • 5256864 • 5258604 • 5258699 • 5260554 • 5274219 • 5296689 • 5298728 • 5311000 • 5327451 • 5329103 • 5330370 • 5347113 • 5347121 • 5371361 • 5382783 • 5386105 • 5389917 • 5410108 • 5420410 • 5422472 • 5426507 • 5438187 • 5440110 • 5440111 • 5446271 • 5446749 • 5448050 • 5463211 • 5475206 • 5475207 • 5479011 • 5481098 • 5491328 • 5493108 • 5504350 • 5508505 • 5512740 • 5541397 • 5552593 • 5557095 • 5563402 • 5565668 • 5576531 • 5581707 • 5594231 • 5594441 • 5598070 • 5602376 • 5608201 • 5608399 • 5612529 • 5629510 • 5635699 • 5641958 • 5646391 • 5661435 • 5664231 • 5666045 • 5671374 • 5675138 • 5682028 • 5686716 • 5696370 • 5703347 • 5705802 • 5714750 • 5717194 • 5723852 • 5750976 • 5767502 • 5770847 • 5786581 • 5786585 • 5787103 • 5789732 • 5796222 • 5804809 • 5814803 • 5814804 • 5821721 • 5822343 • 5825009 • 5834708 • 5834750 • 5837983 • 5837988 • 5852286 • 5864129 • 5869827 • 5874722 • 5883370 • 5905249 • 5907147 • 5923023 • 5925868 • 5929421 • 5945670 • 5959284 • 5962838 • 5979769 • 6000619 • 6006991 • 6012639 • 6016135 • 6024284 • 6041374 • 6042012 • 6045044 • 6047889 • 6047894 • 6056198 • 6065676 • 6069696 • 6073849 • 6073851 • 6094288 • 6112993 • 6129279 • 6129282 • 6134039 • 6142376 • 6152368 • 6152372 • 6155488 • 6166375 • 6169614 • 6173894 • 6176429 • 6188500 • 6189784 • 6213397 • 6223986 • 6230975 • 6230976 • 6244510 • 6259545 • 6260763 • 6266175 • 6273336 • 6276605 • 6279829 • 6290134 • 6290135 • 6293467 • 6303927 • 6311895 • 6318634 • 6328216 • 6332576 • 6332577 • 6343741 • 6454168 • 6478224 • 6568598 • 6578765 • 6705527 • 6857567 • 6974084 • 6991169 • 7051940 • 7170414 • 7172123 • 7201322 • 7204422 • 7215493 • 7224540 • 7234641 • 7243850 • 7374092 • 7407096 • 7490770 • 7495564 • 7506816 • 7527198 • 7527207 • 7537166 • 7562817 • 601 26 118.6 • AU703547 • D312631 • D313590 • D320011 • D320012 • D323492 • D330707 • D330708 • D349109 • D350127 • D350735 • D351149 • D351150 • D352936 • D352937 • D352938 • D352939 • D358588 • D361565 • D372234 • D374630 • D374869 • D375493 • D376357 • D377345 • D377346 • D377347 • D377348 • D388075 \* D446524 \* D606544 \*EP0256296 \* EP0260155 \* EP0260156 \* EP0295936 \* EP0325469 \* EP0349770 \* EP0368254 \* EP0442215 \* EP0498366 \* EP0531645 \* EP0663643 \* EP0698251 \* EP01330772 \* EP870761 \* GB2252333 \* GB2284086 \* GB2301691 \* GB2304954 \* GB2307093 \* GB2308267 \* GB2308678 \* GB2319103 \* GB2333163 \* GB2343079 \* GB2344486 \* GB2345568 \* GB2354340 \* ISR107546 \* ISR118507 • ISR118508 • JP1962823 • JP1971216 • JP2513442 • JP2732459 • JP2829331 • JP2953593 • JP2964278 • MEX185552 • MEX187245 RE37166 ■ RE40071

Additional Patents Pending.

## **Statement of Agency Compliance**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **FCC Class B Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

## **Canadian Notice**

This equipment does not exceed the Class B limits for radio noise emissions as described in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la classe B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

### **Power Supply**

Models require either a Listed class II or class III with a Limited Power Source (LPS).

For the safety certification to be valid, class III input power sources must be IEC/EN60950-1 (EN 60335-series, EN 60065 or relevant) approved. CEC IV Efficiency Regulations Compliance. Input: 90-264 VAC Output: 5 VDC

Max. Current: 0.5 AMax. Power: 12.5 W Max.



Características de la fuente de alimentación eléctrica.

Entrada: 100 - 240 Vca 600mA 50/60 Hz Salida: +12 VDC @ 1500mA (-) Negativo al centro

Utilice en su red solo fuentes certificadas en Argentina. El uso de fuentes de alimentación no compatibles puede resultar en riesgo de incendio o de choque eléctrico para el usuario.

Use only the authorized power supplies supplied by your Datalogic reseller. The use of any other power supplies can damage the reader and void your warranty.



For USB Power Off Terminal applications, attach to USB 1.0, 1.1 or 2.0 host device only.

## **Solids and Water Protection**

The reader has an IEC rating of IP65.

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- END -

## **Software Product Policy**

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The only exception to this policy is when the buyer has a signed contract with Datalogic that clearly defines the terms and conditions for making software/firmware changes in products shipped to the buyer.

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To arrange for a Software Maintenance and Support Agreement please contact your Datalogic sales person.

## **Laser Cautions**

The reader may contain a laser pointer (this is a value-added option), which is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J for Class II and IEC 60825-1 for Class 2 products. Class II (2) products are not considered to be hazardous. Laser pointer models of the reader contain a Visible Laser Diode (VLD) at a wavelength of 655 nanometers and is designed so that there can be no human access to harmful levels of laser light during normal operation, user maintenance, or during prescribed service operations. See the Product Reference Guide (PRG) for laser pointer configuration information and barcodes.



Do not attempt to open or otherwise service any components in the optics cavity. Opening or servicing any part of the optics cavity by unauthorized personnel may violate laser safety regulations.

## **Technical Specification**

Item	Description	
Physical Characteristics		
Color	Yellow/Black Black/Black	
Dimensions	Height 7.5"/190 mm Length 4.5"/115 mm Width 3.0"/75 mm	
Weight (without cable)	Approximately 9.9 ounces/280 g (without cable)	
Electrical Characteristics		
Voltage & Current	Input current at 5V = 285 mA (max) <sup>a</sup> 135 mA (standby) 2.5 mA (RS-232 sleep mode) 2.5 mA (USB suspend) Input Power = 1.5W max in the 4 - 14V range <sup>a</sup>	
Performance Characteristics		
Light Source	Dual LEDs	
Roll (Tilt) Tolerance	± 30° from normal	
Pitch Tolerance	± 65°	
Skew (Yaw) Tolerance	± 60°	
Field of View	2" wide at 1" from the reader 7" wide at 7" from the reader	

Item	Description		
Depth of Field <sup>b</sup>	100 mil: typical 5.1" to 208.7" (13 cm to 530 cm) 55 mil: typical 1.9" to 118.1" (4.7 cm to 300 cm) 40 mil: typical 0.8" to 94.5" (2 cm to 240 cm) 20 mil: typical 0.1" to 46.9" (0.3 cm to 119 cm) 13 mil: typical 0" to 31.5" (0.1 cm to 80 cm) 10 mil: typical 0" to 23.6" (0 cm to 60 cm) 7.5 mil: typical 0.1" to 17.3" (0.2 cm to 44 cm) 5 mil: typical 0.6" to 5.5" (1.5 cm to 14 cm)		
Minimum Element Width	3 mil		
Print Contrast Minimum	15% minimum reflectance		
Decode Capability	UPC/EAN/JAN, P2 /P5 add-ons; Code 39; Code 32 (Italian Pharmacode); Code 128; Code 128 ISBT; Code 128 add-ons; I 2 of 5; Standard 2 of 5; Code 11; Codabar; EAN 128; GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, Code 4, Code 5, Follett 2 of 5.		
Interfaces Supported	RS-232 Std., RS-232 Wincor-Nixdorf, RS-232 OPOS, IBM 46xx (ports 5B and 9B), USB Com Std., USB Keyboard, USB Alternate Keyboard, USB OEM, Keyboard Wedge (AT with or w/o Alternate Key, IBM AT PS2 with or w/o Alternate Key, PC-XT, IBM 3153, IBM Terminals 31xx, 32xx, 34xx, 37xx make only and make break keyboard, Digital Terminals VT2x, VT3xx, VT4xx, and Apple) and Wand Emulation.		
User Environment			
Operating Temperature	-22° to 122° F (-30° to 50° C)		
Storage Temperature	-40° to 158° F (-40° to 70° C)		
Humidity	Operating: 5% to 90% relative humidity, non-condensing Storage: 5% to 95% relative humidity, non-condensing		
Drop Specifications	50 drops from 2 meters (6.5 feet) to concrete, -30°C to 50°C		
Ambient Light Immunity	Up to 100,000 LUX in sunlight.		
Contaminants Spray/rain Dust/particulates	IEC 529-IPX5 IEC 529-IP6X		
Beeper Loudness	84 dBA typical for operator at a distance of 19" (50cm)		
ESD Level	25 KV		
Regulatory			
Electrical Safety	UL 60950, CAN/CSA-C22.2 No. 60950/IEC60950		
Laser Safety	Complies with 21 CFR 1040 Class 2 and IEC/EN60825-1:2007 Class II when laser pointer installed.		
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Direc- tive <sup>c</sup> , Australian SMA, Taiwan EMC, Japan VCCI/MITI, Korean EMC		
<ul> <li>a. Typical input current with factory default configuration. Max input current = 315 mA @ 5V with factory default configuration. Changes to the default (scan mode or beeper settings) may increase the max input current up to 410 mA @ 5V and the max power up to 2.05 W.</li> <li>b. 13 mil DOF based on UPC. All others are Code 39. All labels grade A, minimum illumination 300 LUX, 20°C. label inclination 10°.</li> </ul>			

LUX, 20°C, label inclination 10°.
 USB cables CAB-465, CAB-467 and CAB-486 are certified to a residential level of immunity according to the EN 55024 and not recommended for industrial level EN61000 6-2:2005.

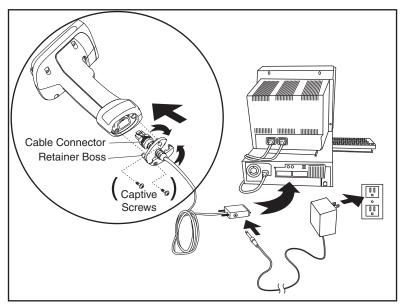
## **Getting Started**

### Connection

Use the appropriate instructions below to connect the reader to the terminal, PC or other host device. The reader cable connection is secured using the "clamshell" retainer referenced in the enlarged area of Figure 1. Fit and clamp the retainer over the cable connector as shown in the illustration, then fully seat the cable assembly into the reader, aligning both the connector and the retainer boss with their respective openings. Secure the captive screws.

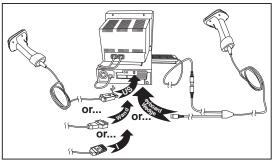
**RS-232 Serial Connection** — Turn off power to the terminal/PC and connect the reader to the terminal/PC serial port via the RS-232 cable as shown in Figure 1. If the terminal will not support POT (Power Off the Terminal) to supply reader power, use the approved power supply (AC Adapter). Plug the AC Adapter barrel connector into the socket on the RS-232 cable connector and the AC Adapter plug into a standard power outlet.

#### Figure 1. RS-232 Serial Connection



**USB Connection** — Connect the reader to a USB port on the terminal/PC using the correct USB cable for the interface type you ordered. Reference Figure 2.

Figure 2. Other Interface Connections



**Wand Emulation Connection** — Connect the reader to the appropriate port on the terminal/PC using the correct cable for the interface type you ordered. Reference Figure 2.

**IBM Connection** — Connect the reader to the IBM port on the terminal/PC using the correct IBM cable. Reference Figure 2.

**Keyboard Wedge Connection** — The Keyboard Wedge cable has a 'Y' connection from the reader. Connect the female to the male end from the keyboard and the remaining end at the keyboard port at the terminal/PC. Reference Figure 2.

## Programming

The reader is typically factory-configured with a set of default features. Reference **Defaults on page 11**. You can select other options and customize your reader through use of the instructions and programming barcodes available in the Product Reference Guide (PRG). You can view and download this and other manuals from the website listed on the back cover of this manual.

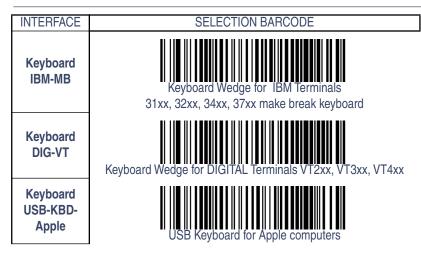


Some interfaces require the scanner to start in the disabled state when powered up. If additional scanner configuration is desired while in this state, pull the trigger and hold it for five seconds. The scanner will change to a state that allows programming with barcodes. Select the desired interface by scanning the associated barcode below.

INTERFACE	SELECTION BARCODE
RS-232 Standard	
RS-232 Wincor-Nixdorf	
RS-232 for OPOS/UPOS/ JavaPOS	
Wand Emulation	
IBM 46XX Port 5B	
IBM 46XX Port 9B	
USB Com <sup>a</sup>	
USB Keyboard	
USB Alternate Keyboard	
USB OEM	ad the correct USB Com driver from www.datalogic.com

### Interface selection — continued

INTERFACE	SELECTION BARCODE
Keyboard AT	Keyboard Wedge for PS/2 25-286, 30-286, 50, 50Z, 60, 70, 80, 90 & 95 w/Standard Key Encoding
Keyboard	Keyboard Wedge for IBM AT PS2 with standard key encoding
AT-NK	but without external keyboard
Keyboard	Keyboard Wedge for AT, PS/2 25-286, 30-286, 50,
AT-ALT	50Z, 60, 70, 80, 90 & 95 w/Alternate Key
Keyboard	Keyboard Wedge for IBM AT PS2 with alternate key
AT-ALT-NK	encoding but without external keyboard
Keyboard XT	Keyboard Wedge for PC/XT w/Standard Key Encoding
Keyboard IBM 3153	Keyboard Wedge for IBM Terminal 3153
Keyboard	Keyboard Wedge for IBM Terminals
IBM-M	31xx, 32xx, 34xx, 37xx make only keyboard



## Defaults

For your convenience, standard defaults are shown here for each of the major interface types. For more details or to change these settings, reference the Product Reference Guide (PRG).

**RS-232 Standard Default Settings** – 9600 Baud, no Parity, 1 Stop Bit, Handshaking disabled, no Intercharacter Delay, Beep on ASCII BEL disabled, Beep On Not On File enabled, ACK Character = 'ACK', NAK Character = 'NAK', ACK NAK Timeout Value = 600ms, ACK NAK Retry Count = 3, ACK NAK Error Handling = Ignore, Indicate Transmission Failure enabled, Disable Reader Command = 'D', Enable Reader Command = 'E'.

**Wand Emulation Standard Default Settings** – Wand Idle State = Low, Wand Polarity = Quiet Zones & Spaces High - Bars Low, No Label Symbology Conversion, Transmit Noise = Disabled.

**OEM/IBM Standard Default Settings** — OEM-USB Device Usage = Table Top Scanner, Transmit Labels in Code 39 Format = OEM Standard Format, 46xx Number of Host Resets = 6.

**USB Standard Default Settings** – USB Keyboard Speed = Fast (1ms).

**Keyboard Standard Default Settings (Keyboard AT)** – Country Mode = U.S., Caps Lock= OFF, Numlock Key =Unchanged, Send Control Characters = Disabled, Wedge Quiet Interval = 100ms, No Wedge Intercode Delay.

## **Resetting the Standard Product Defaults**

If programming settings for your reader are in an unknown condition, factory settings can be restored by scanning the "Factory Default Settings" barcode below. A listing of factory default settings is available in the PRG. Settings can vary, depending upon the interface type.



## Symbologies

Symbologies are factory enabled or disabled in the reader as follows:

### **Enabled Symbologies**

- UPC-A, UPC-E, EAN 13, EAN 8 without add-ons, Check Character Transmission enabled, no Expansion, Minimum Reads = 1 (except In-Store Minumum Reads = 2), System Number Transmission = enabled, 2D Components = disabled, EAN 8 Guard Insertion/Substitution Options = disabled (except EAN 8 Guard Substitution), Stitching = disabled.
- Code 39 Check Character Calculation/Transmission enabled, Start/Stop Character disabled, Full ASCII disabled, Quiet Zones = auto, Minimum Reads = 1, Decoding Level and Aggressiveness = 3, Variable Length Control, Length One = 2, Length Two = 50, Interdigit Ratio = 4, Character Correlation = Disabled, Stitching is enabled.
- Code 128 No Expansion, Check Character Transmission enabled, SubCode Change not transmitted, Quiet Zones = Auto, Minimum Reads = 1, Decoding Levels and Aggressiveness = 3,

Variable Length Control, Length One = 1, Length two = 80, Character Correlation = disabled, Stitching = enabled.

Interleaved 2 of 5 — Zero Pattern and Check Character Calculation = disabled, Check Character Transmission = enabled, Minimum Reads = 1, Decoding Levels and Aggressiveness = 3, Variable Length Control, Length One = 12, Length Two = 100, Character Correlation and Stitching = disabled.

### **Disabled Symbologies**

GS1 DataBar (Omnidirectional, Expanded and Limited), GTIN formatting, Pharmacode 39, Codabar, Code 93, Code 11, Standard 2 of 5.

## How to Scan

When the trigger is pressed, the reader projects a red, horizontal illuminating beam. This beam will remain on until the trigger is released, a barcode is read, or until a time-out<sup>1</sup> period expires.

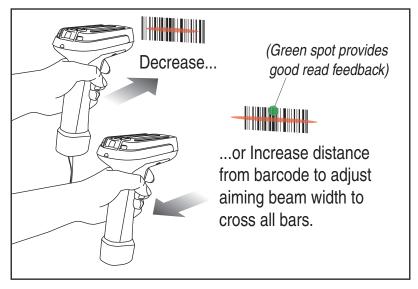


If the surface being scanned is highly reflective (e.g., laminated), it may be necessary to tilt the item or the reader slightly ( $15^{\circ}$  to  $18^{\circ}$ ) to prevent unwanted reflection.

**Linear Barcodes** — To scan a linear barcode, center the illumination beam over the barcode as shown in Figure 3. The reader must "see" across the width of all of the bars. Move the reader further away from the barcode to increase the scanning coverage area, and closer in to read very small barcodes.

Reference the Product Reference Guide (PRG) for more information about the aiming beam time-out period.

#### Figure 3. Scanning Barcodes



### Troubleshooting

The reader will automatically perform a set of self-tests whenever you turn it on. If your reader doesn't seem to be functioning properly, follow these steps to try and isolate the problem.

- Is the power on? Does the illumination beam come on? If no illumination beam, check that...
  - all connections are fully seated and in the appropriate port(s).
  - the host system power is on (if external power isn't used).
  - the trigger works.
- Is the reader having trouble reading your symbols?
   If the reader isn't reading symbols well, check that the symbols...
  - aren't smeared, rough, scratched, or exhibiting voids.
  - aren't coated with frost or water droplets on the surface.
  - are enabled in the reader. See the Product Reference Guide (PRG) for more about configuring the reader to read symbologies.

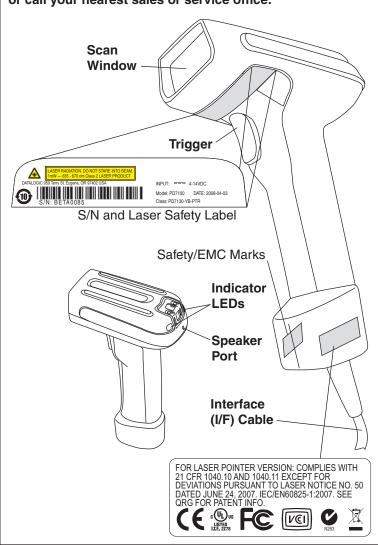
3. Is the barcode displayed but not entered? The barcode is displayed on the host device correctly, but you still have to press a key to enter it (the Enter/Return or Tab key, for example).

You need to program a suffix which enables the reader to output the barcode data plus the key you need (such as a carriage return "CR") to enter the data into your application. Refer to the PRG for further information.

- 4. Does the reader read the barcode incorrectly? If the reader reads a barcode, but the data is not displayed correctly on the host screen:
  - The reader may not be programmed for the appropriate terminal interface. For example, you scan "12345" and the host displays "@es%." Reprogram the reader with the correct interface selection barcode. See Programming in this manual and/or the PRG.
  - The reader may not be programmed to output your barcode data properly. For example, you scan "12345" and the host displays "A12345B." Reprogram the reader with the proper Data Editing selections. Reference the PRG.
- 5. The reader won't read your barcode at all.
  - Scan the part number barcode in the back of this manual or the samples from the PRG. If the reader reads sample barcodes, check that your barcode is readable.
  - Verify that your barcode symbology is enabled. See the PRG.
- 6. If you aren't sure what programming options have been set in the reader, or if you want the factory default settings restored, go to the **Resetting the Standard Product Defaults** section of this manual and scan the standard factory default settings barcode.

#### Figure 4. Labeling and Nomenclature

This illustration shows label placement ONLY. For actual regulatory, patent and other applicable information, view the labels on the product itself, or call your nearest sales or service office.



### Datalogic ADC Limited Factory Warranty

### Warranty Coverage

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:

- any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;
- 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 LIMITA-TION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAM-AGES 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.

## WEEE Statement



Waste Electrical and Electronic Equipment (WEEE) Statement.

### English

For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.datalogic.com.

### Italian

Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.datalogic.com.

### French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.datalogic.com.

#### German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.datalogic.com.

### Spanish

Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.datalogic.com.

### Portuguese

Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.datalogic.com.

### Chinese

有关处理废弃电气电子设备 (WEEE) 的信息,请参考 Datalogic 公司的网站 www.datalogic.com/。

#### Japanese

廃電気電子機器 (WEEE) の処理についての関連事項は Datalogic の サイト www.datalogic.com をご参照下さい。

## China RoHS

PART         商権名称         指         有毒有害物质或元素           PART         部件名称         铅         汞         病毒有害物质或元素           Power Supply         电源         次         0 <th></th> <th></th> <th>Lead (Pb) Mercury (Hg)</th> <th>Mercury (Hg)</th> <th>Cadmium (Cd)</th> <th>Hexavalent Chromium (Cr(VI))</th> <th>Polybrominated biphenyls (PBB)</th> <th>Polybrominated diphenyl ethers (PBDE)</th>			Lead (Pb) Mercury (Hg)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
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