P DH, Gryphon, PowerScan, QuickScan

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922)49-43-18 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 Липецк (4742)52-20-81

Казахстан +7(727)345-47-04 **Беларус**ь

Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37 Пермь (342)205-81-47

Беларусь +(375)257-127-884

Ростов-на-Дону (863) 308-18-15 Рязань (4912) 46-61-64 Самара (846) 206-03-16 Санкт-Петербург (812) 309-46-40 Саратов (845) 249-38-78 Севастополь (8692) 22-31-93 Саранск (8342) 22-96-24 Симферополь (3652) 67-13-56 Смоленск (4812) 29-41-54 Сочи (862) 225-72-31 Ставрополь (8652) 20-65-13 Сургут (3462) 77-98-35 Сыктывкар (8212) 25-95-17 Тамбов (4752) 50-40-97 Тверь (4822) 63-31-35

Узбекистан +998(71)205-18-59

Тольятти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Улан-Удэ (3012)59-97-51 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93

Киргизия +996(312)96-26-47

эл.почта: dob@nt-rt.ru || сайт: https://datasensor.nt-rt.ru/

DH-MV-RH7B00MG000E

OVERVIEW

- CMOS serialized products with high-speed acquisition and excellent images;
- Build-in deep learning algorithm, efficient and powerful algorithm performances
- Support software trigger/ hardware trigger/ free run mode etc.;
- Gigabit Ethernet interface, providing 1Gbps bandwidth;
- Abundant I/O interfaces, 1x RS232,1x Opto-isolated input,3x Opto-isolated output;
- ✓ Industrial-grade M12 connector, IP67;
- Support DC 24V input, adapt to industrial voltage environment;
- $\verb§ Abundant code reading types , including CODE128/EAN/CODE39/CODE93/CODEBAR/ITF25/DM/QR etc.;$



Basic		
Certifications	CE, FCC	
Function	Abundant code reading types(1D: CODE128/EAN/CODE39/CODE93/CODEBAR/ITF25, etc; 2D: DM/QR etc.	
Lens Mount	C-Mount	
Max. Frame rate	15fps	
Model	DH-MV-RH7B00MG000E	
Mono/Color	Mono	
Pixel Size	2.4 x 2.4	
Sensor Type	1	
Resolution	5440 x 3648	
Series	7000	
Shutter Mode	Rolling	
Software	SVStudio	
Trigger Mode	Support software trigger/ hardware trigger/ free run mode etc.	
Port		
Communication Mode	RS232, Ethernet	
Communication protocol	SDK, Serial, TCPServer, TCPClient, Profinet, Modbus TCP	
Connector	Industrial-grade M12 connectors, for Ethernet and GPIO interfaces	
GPIO	12-pin I/O interface, 1x RS232 interface, 1x Opto-isolated input, 3x Opto-isolated output,	

LED Indicator	Power indicator, Network indicator, Trigger display indicator		
Network Port	Code-A, Gigabit Ethernet		
	Performance		
FoV	NA		
Focal Length	NA		
Focus Control	NA		
Light Source type	NA		
Max. Read Speed	90 pcs/s		
Max. Speed	NA		
Min. Resolution	NA		
Operating Distance	NA		
	Environment		
Operating Humidity	20% ~ 95%, Non condensing		
Operating Temperature	-20°C~+50°C		
Storage Temperature	-30°C ~ +70°C		
	Structure		
Package Weight	NA		
Packaging Dimensions	NA		
Product Dimensions	117mm x 69mm x 43mm (not including lens mount and rear case connector)		
Protection	IP67 (with the proper lens cover installed correctly)		
Weight	< 550g		
	Power		
Power Consumption	< 8.0W@DC24V (build-in illumination not included)		
Power Supply	Support DC 24V input, adapt to industrial voltage environment;		

DH-SL2460R-S2E

OVERVIEW

- Simple installation, easy operation;
- The maximum transmission distance of Gigabit Ethernet interface can reach 100m;
- Support software trigger / external trigger / free run and other trigger modes;
- Rich IO interface;
- C-mount lens support;
- ✓ Integrated cable, Application environment of DC24V;
- Built in code reading algorithm, High recognition rate of algorithm, High speed;
- 24 high brightness Cree LED lamps with overall brightness greater than 5500lux, Even light;
- Omply with CE certification.



Basic	
Certifications	CE, FCC
Function	Abundant code reading types (1D: CODE128/EAN/CODE39/CODE93/CODEBAR/ITF25, etc; 2D: DM/QR etc.
Lens Mount	C-Mount
Max. Frame rate	30
Model	DH-SL2460R-S2E
Mono/Color	Mono
Pixel Size	2.4 x 2.4
Resolution	3072 x 2048
Sensor Type	1/1.8", CMOS
Series	5000
Shutter Mode	Rolling
Software	SVStudio
Trigger Mode	Software trigger/Hardware trigger/Free run mode
Port	
Communication Mode	Ethernet,RS232
Communication protocol	SDK , Serial , TCPServer , TCPClient
Connector	Integrated cable , Gige、GPIO、USB2.0、VGA

GPIO	Support 1 isolated input, 1 isolated output		
LED Indicator	NA		
Network Port	Gigabit Ethernet		
	Performance		
FoV	660mm x 440mm		
Focal Length	12mm		
Focus Control	Manual focus		
Light Source type	White Led		
Max. Read Speed	NA		
Max. Speed	2m/s		
Min. Resolution	NA		
Operating Distance	1070mm		
	Environment		
Operating Humidity	20% ~ 95%, Non condensing		
Operating Temperature	-20°C~+50°C		
Storage Temperature	-30°C~+80°C		
	Structure		
Package Weight	< 1900g		
Packaging Dimensions	279mm×221mm×220mm		
Product Dimensions	154.5mm×154.5mm×128mm		
Protection	NA		
Weight	< 1500g		
	Power		
Power Consumption	≤15.8W		
Power Supply	DC24V		

Gryphon 4200 Series

OVERVIEW

ENHANCED LINEAR IMAGING TECHNOLOGY

The Gryphon 4200 series represents the premium range of handheld scanners from Datalogic for value added applications. The Gryphon 4200 linear imagers stand out with unchallenged ergonomics and outstanding reading performance. The Gryphon 4200 readers' ability to capture bar codes from near to far, to read both high-density and low resolution codes, to decode hard-to-read, poorly printed or damaged codes and to easily read bar codes from mobile devices make these imagers the perfect choice for today's applications

EASY TO USE FOR MAXIMUM EFFICIENCY

The Gryphon 4200 scanners utilize Datalogic's Motionix™ technology to automatically switch into the 'ready-to-read' scanning mode and to activate the distinctive 'soft line viewfinder' which helps the operator to easily target the code to be read. The Datalogic's 'Green Spot' for good-read feedback directly on the code is ideal under dim lighting conditions or noisy environments



READY TO BE REGULARLY CLEANED AND DISINFECTED

Most working environments now have requirements that scanners need to be regularly cleaned and disinfected. The Gryphon 4200 series utilizes Disinfectant-Ready enclosures, designed to withstand regular daily cleaning with harsh disinfectant solutions commonly used in a healthcare environment.

WIRELESS COMMUNICATIONS AND WIRELESS CHARGING

Featuring Bluetooth® wireless technology (GBT models) or narrow band radio communications with Datalogic's STAR Cordless System™ (GM models), the Gryphon 4200 wireless imagers provide maximum flexibility to solve any end user application with the best technical solution. One of the most important technical innovations that the Gryphon 4200 wireless scanners achieve is the battery recharge through an inductive charging system, lowering the total cost of ownership because it eliminates the need for contacts' cleaning and maintenance procedures. The maximum reliability offered by the wireless charging technology means 24/7 activities with no stops for maintenance or repair and top level operating productivity and performance.

APPLICATIONS

Retail

Point of Sale

Commercial Services

- Post offices
- Bank offices
- Public Administration
- Utilities

Light Manufacturing

- Work-in-Progress
- Order Processing

Healthcare

- Laboratories
- Pharmacies

CORDLESS COMMUNICATIONS		
Gryphon GBT4200	Bluetooth Wireless Technology: Piconet: Max. Readers per Radio Receiver: 7 Profiles: SPP (Serial Port Profile); Protocol: Bluetooth 4.0 Certified Class 1, Class 2 and Class 3; Radio Frequency: 2.4 GHz Radio Range (Open Air): 100.0 m / 328.0 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication	
Gryphon GM4200	Datalogic STAR Cordless System: Effective Radiated Power: 433.92 MHz: < 6.3 mW; 910 MHz: < 50 mW; Multi-Point Configuration: Max. Readers per Radio Receiver: 16; Point-to-Point Configuration; Radio Frequency: 433.92 MHz; 910 MHz; Two Way Communications Radio Range (Open Air): 50.0 m / 164.0 ft	
DECODING CAPABILITY		
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.	
CORDLESS MODELS ELECTRICAL		
Battery	Battery Type: Lithium-Ion: 2550 mAh Charge Time: External Power: 4 Hours @ 12 VDC; Reads per Charge: 80,000	
Drop Resistance	With stands repeated drops from 1.5 m $\!\!\!/$ 5.0 ft onto a concrete surface.	
Cradle Indicator LEDs	Battery Charging (flashing orange); Charge Completed (steady green)	
Current	Charging (with WLC4190): < 1200 mA (Maximum); Scanner only: Max 750 mA (from battery) Cradle only: (WLC4190): 80 mA @ 5 V (Operative)	
Input Voltage (Cradle)	4.5 - 14 VDC +/- 5% (WLC4190 / WLC4090)	
CORDED MODELS ELECTRICAL		
Current	Operating (Typical): <350 mA @ 5V; <150 mA @ 12V Standby / Idle (Typical): <60 mA @ 5V; <30 mA @ 12V	
Input Voltage	GD4220: 5 VDC +/- 5%; GD4290: 4.5 - 14.0 VDC	
ENVIRONMENTAL		
Ambient Light	0 – 130,000 lux	
Drop Resistance	Withstands repeated drops from 1.8 m $/$ 6.0 ft onto a concrete surface	
ESD Protection (Air Discharge)	16 kV	
Humidity (Non-Condensing)	0 - 95%	
Particulate and Water Sealing	IP52	
Temperature	Operating: –10 to 50 °C / 14 to 122 °F Storage: –20 to 70 °C / –4 to 158 °F	
INTERFACES		
Interfaces	CORDLESS MODELS: WLC4190: USB Type C / USB / RS-232 / Keyboard Wedge Multi-Interface WLC4090: USB / RS-232 / Keyboard Wedge MultiInterface CORDED MODELS: GD4220: USB type C / USB only GD4290: USB type C / USB / RS-232 / Keyboard Wedge Multi- Interface	
PHYSICAL CHARACTERISTICS		
Colors Available	Black, White	
Dimensions	16.6 x 6.8 x 10.9 cm / 6.5 x 2.7 x 4.3 in (corded/cordless models)	
Weight	163.0 g / 5.75 oz (corded models) 235 g / 8.29 oz (cordless models, battery included)	
READING PERFORMANCE		
Imager Sensor	CCD Solid-State	
Light Source	Illumination: Dual LED Array 612 – 630 nm	

Read Rate (Maximum)	1,000,000 pixels/sec (400 reads/sec)	
Print Contrast Ratio (Minimum)	15%	
Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 65°	
Reading Indicators	Beeper (adjustable tone); Datalogic Three Green Lights (3GL) Good Read Feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs	
Resolution (Maximum)	0.077 mm / 3 mils	
READING RANGES		
Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 5.0 to 37 cm / 2.0 to 14.6 in Code 39: 7.5 mils: 5.0 to 54 cm / 2.0 to 21.3 in Code 39: 10 mils: 5.0 to 73.5 cm / 2.0 to 28.9 in Code 39: 20 mils: 2.5 to 147 cm / 1 to 57.9 in EAN/UPC: 13 mils: 3.5 to 90 cm / 1.4 to 35.4 in	
SAFETY & REGULATORY		
Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.	
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS	
LED Classification	Exempt group according to IEC 62471	
UTILITIES		
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.	
OPOS / JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge	
Remote Host Download	Lowers service costs and improves operations	
WARRANTY		
Warranty	5-Year Factory Warranty (corded models) 3-Year Factory Warranty (cordless models)	

PowerScan 9100 Series

OVERVIEW

NEW TECHNOLOGY COMBINED WITH PRODUCT RELIABILITY

The PowerScan 9100 series of scanners has expanded with new technology that provides an innovative laser-like green scanning line that implements the definition of a laser and the benefits of a linear imager. The 9100 series includes a corded version (PD9130), a cordless version featuring Bluetooth* wireless technology (PBT9100) and a cordless version featuring Datalogic's STAR Cordless System[™] 2.0, a proprietary narrow band radio system (PM9100).

BUILT TO LAST

The PowerScan 9100 series has been tested to withstand extreme environmental conditions and is suitable for the most rugged and demanding settings. A built-in tether hook for the cordless models can be suspended in the workplace, ensuring workplace productivity. A quick 3-second battery replacement combined with a single or multi-slot battery charger allows for continuous operation without interruption (cordless models).



ONE PRODUCT FOR MULTIPLE APPLICATIONS

All models have multi-interface capabilities: RS-232, Keyboard Wedge, and USB. The 9100 series is fully supported by Datalogic's Aladdin™ configuration program which provides a user-friendly interface for the start-up procedure and device programming. The 9100 series also feature Datalogic's exclusive 3GL™ (3 Green Lights) for superior good-read feedback.

The PowerScan 9100 series all share the same features with outstanding reliability and reading performance on 1D codes.

The cordless PBT9100 and PM9100 scanners can also be mounted on a forklift with a Vehicle Mount Terminal (VMT) providing a complete solution for industrial warehouse applications.

CONFIGURABLE TO FIT ALL APPLICATIONS

Based on Bluetooth 3.0 standard wireless technology, the PowerScan PBT9100 scanner can be configured to be Class 1 or Class 2 compliant. The scanner can be connected through the receiving base station to the host with a wide choice of interfaces or by connecting the scanner directly to any commercial or embedded Bluetooth compliant device.

The PowerScan PM9100 series includes different models to satisfy customers' needs; it is available in a basic cordless model and in two different models with a display and 4-or 16-key keypads.

APPLICATIONS

Manufacturing Shop Floor

- Component Traceability
- Work-in-Progress
- Sub-Assembly
- Quality Control
- Time and Cost Analysis
- Control Machines Set-up
- In-line Inventory Control

Warehouse and Logistic Centers

- · Shipping / Receiving
- Parcel Preparation
- Picking / Put Away
- Automatic Sorting Back-Up
- End of Line Sorting

WIRELESS COMMUNICATIONS	
PBT9100	Bluetooth Wireless Technology Maximum number of devices per base station: 7; Profiles: HID (Human Interface Device), SPP (Serial Port Profile); Protocol: Bluetooth 3.0 Certified Class 1; Radio Frequency: 2.40 to 2.48 GHz; Radio Range (Open Air): Class 1: up to 100 m / 328 ft; Security: Data Encryption; Scanner Authentication
PM9100	Datalogic STAR Cordless System Point-to-Point Configuration; Multi-Point Configuration: Max. Readers per Radio receiver: 16; Radio Frequency: 433 MHz, 910 MHz; Radio Range (Open Air): 433 MHz: 50 m / 164 ft at 500 KB/s; 100 m / 328 ft at 19.2 KB/s; 910 MHz: 50 m / 164 ft at 500 KB/s; 400 m / 1,312 ft at 36.8 KB/s, frequency hopping 50 m / 164 ft at 36.8 KB/s, fixed channel; Seamless Roaming; Two Way Communications
DECODING CAPABILITY	
9100 Series	GS1 DataBar™ linear codes, UPC/EAN, UPC/EAN P2/P5 add ons, UPC/EAN Coupons, ISBN, Code 128, EAN 128, Code 39, Code 39 Full ASCII, Code 39 CIP, Code 32, Codabar, Interleaved 2 of 5, IATA, Industrial 2 of 5, Standard 2 of 5, Code 11, MSI, Plessey, Code 93, Follet 2/5, Code 4, Code 5, Datalogic 2 of 5, Codablock F
ELECTRICAL	
PBT9100 / PM9100	Battery: Li-Ion 3350 mA; Reads per Charge: 60,000+ (continuous reading); Charge Time External Power: 4.5 Hours; Host Power: 10 Hours; Cradle Indicator LEDs: Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow); Current: Operating (Typical): External Power: Max. 10 W (charging); POT: Max. 500 mA (charging); Input Voltage: External Power: 10-30 VDC; POT: 5 VDC +/- 10%
PD9100	Current: Operating (Typical): PD9130: 440 mA @ 4.5 V; 380 mA @ 5 V; 75 mA @30 V; Input Voltage: 4.5 – 30 VDC
ENVIRONMENTAL	
Ambient Light	Immune to light exposure in offices/facilities and direct exposure to sunlight
Drop Resistance	Withstands 50 drops from 2.0 m / 6.6 ft to concret
ESD Protection (Air Discharge)	20 kV
Humidity (Non-Condensing)	0 - 95%
Particulate and Water Sealing	IP65
Temperature	Operating: –20 to 50 °C / –4 to 122 °F Storage/Transport: –40 to 70 °C / –40 to 158 °F
CORDED MODELS ELECTRICAL	
Current	Operating (Typical): <350 mA @ 5V; <150 mA @ 12V Standby / Idle (Typical): <60 mA @ 5V; <30 mA @ 12V
Input Voltage	GD4220: 5 VDC +/- 5%; GD4290: 4.5 - 14.0 VDC
INTERFACES	
Interfaces	Keyboard Wedge, RS-232; USB: OEM USB; USB COM; USB HID Keyboard; Optional Ethernet (Standard, Industrial)
PHYSICAL CHARACTERISTICS	
Colors Available	Yellow/Black; Other colors and custom logo options are available for minimum quantity purchase
Dimensions	Cradle: 24.0 x 10.8 x 9.5 cm / 9.4 x 4.3 x 3.8 in; All Models: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in)
Display (PM9100)	PM9100-D, PM9100-DK: Display Type: Graphic with White Backlight; Font Dimensions: User selectable (6 lines x 21 columns default); Screen Dimensions: 48 x 132 pixels
Keyboard (PM9100))	PM9100-D: 4 Configurable Keys PM9100-DK: 16 Configurable Keys
Weight	PD9100: 340.0 g / 11.9 oz PM9100-XX/ PBT9100-XX: 405.0 g / 14.2 oz PM9100-DXX / PM9100-DXXX: 435.0 g / 15.3 oz
READING PERFORMANCE	

Light Source	Green LED	
Print Contrast Ratio (Minimum)	15%	
Reading Angle	Pitch: +/- 75°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70°	
Reading Indicators	Beeper; Datalogic Three Green Lights (3GL™) Good-read Feedback: Datalogic 'Green Spot' on the Code, Dual Good-read LEDs	
Resolution (Maximum)	2.5 mils	
READING RANGES		
Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast and ambient light dependent.	
Code 39	Code 39 5 mils: 3.0 to 32.0 cm / 1.2 to 12.6 in 7.5 mils: 2.0 to 48.0 cm / 0.8 to 18.9 in 10 mils: 2.0 to 66.0 cm / 0.8 to 26.0 in 20 mils: 3.0 to 110.0 cm / 1.2 to 43.3 in 40 mils: 3.0 to 230.0 cm / 1.2 to 90.6 in EAN 13 2.0 to 61.0 cm / 1.2 to 24.0 in Note: Reading performances may change with different symbologies	
SAFETY & REGULATORY		
Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. See the Regulatory Addendum for details.	
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS	
LED Classification	Product compliant according to IEC 62471	
UTILITIES		
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge	
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.	
Remote Host Download	Available on request	
WARRANTY		
Warranty	3-Year Factory Warranty (corded models)	

Powerscan 9300 Series

OVERVIEW

BUILT TO LAST

PowerScan[™] bar code readers are the ultimate industrial handheld devices, designed and constructed to withstand the toughest environmental conditions in demanding applications, offering lasting performance and outstanding reliability combined with exceptional reading performance and accuracy.

The PowerScan™ PBT9300 series is a Laser Auto Range (AR) scanner with extra-long reading range capabilities for reading linear codes. This laser scanner features standard Bluetooth® wireless technology combined with the outstanding reliability and reading performance found in all PowerScan products.

SIMPLE TO USE AND DEPLOY

Based on Bluetooth 3.0 standard wireless technology, Class 1 Range (in open air); up to 100 m / 328 ft. Connectivity is implemented through the receiving base station, which communicates to the host through a choice of interfaces (Serial, USB or Keyboard Wedge) or by connecting the scanner directly to any commercial or embedded Bluetooth compliant device, or via Ethernet by using the BC9180-BT base/charger using Standard Ethernet and Industrial Ethernet protocols (Ethernet IP and Modbus).



WIDE READING CAPABILITY

The PowerScan PBT9300 scanner mounted on a forklift with a Vehicle Mount Terminal (VMT) provides an excellent solution for warehouse applications.

The PowerScan PBT9300 laser scanner is available in two different optics: Standard Range (SR) or Auto Range (AR) for reading distances up to 11.5 m / 37.0 ft on reflective codes.

APPLICATIONS

Warehouse and Distribution Centers:

Shipping and Receiving, Order Processing, Parcel Preparation, Pallet Tracking and Putaway

Manufacturing / Shop Floor

Work in Progress, Component Tracking, Quality Control and Inventory

CORDLESS COMMUNICATIONS	
Bluetooth Wireless Technology Maximum number of devices per base station: 7	
Profiles	HID (Human Interface Device) SPP (Serial Port Profile)
Protocol	Bluetooth 3.0 Certified Class 1
Radio Frequency	2.40 to 2.48 GHz

Radio Range (Open Air)	Class 1: up to 100 m / 328 ft Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results		
Security	Data Encryption; Scanner Authentication		
DECODING CAPABILITY			
PBT9300-ARXX	GS1 DataBar™ linear codes, UPC/EAN, UPC/EAN P2/ P5 add ons, UPC/EAN Coupons, ISBN, Code 128, EAN 128, Code 39, Code 39 Full ASCII, Code 32, Codabar, Interleaved 2 of 5, Standard 2 of 5, MSI, Code 93		
ELECTRICAL			
Battery	Li-lon 3350 mAh; Charge Time: External Power: 4.5 Hours; Host Power: 10 Hours;		
Reads Per Charge	40,000+ (continuous reading)		
Cradle Indicator LEDs	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)		
Current	Operating (Typical): External Power: Max. 10 W (charging); POT: Max. 500 mA (charging)		
Input Voltage	External: 10 - 30 VDC; POT: 5 VDC +/- 10%		
ENVIRONMENTAL			
Ambient Light	Immune to light exposure in offices/facilities and direct exposure to sunlight		
Drop Resistance	Withstands 50 drops from 2.0 m / 6.5 ft onto a concrete surface		
ESD Protection (Air Discharge)	20 kV		
Humidity (Non-Condensing)	0 - 95%		
Particulate and Water Sealing	IP65		
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F		
INTERFACES			
Interfaces	Keyboard Wedge RS-232; USB: OEM USB; USB COM; USB HID Keyboard; Optional Ethernet (Standard, Industrial)		
PHYSICAL CHARACTERISTICS			
Dimensions	Cradle: 24.0 x 10.8 x 9.5 cm / 9.4 x 4.3 x 3.8 in PBT9300-AR: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in		
Weight	Cradle: 380.0 g / 13.4 oz; PBT9300-ARXX: 435.0 g / 15.3 oz		
READING PERFORMANCE			
Light Source	630 – 680 nm VLD		
Print Contrast Ratio (Minimum)	25%		
Reading Angle	PBT9300-ARXX: Pitch: 60°; Roll (Tilt): +/- 10°; Skew (Yaw): +/- 65°		
Reading Indicators	Beeper; Datalogic Three Green Lights (3GL™) Good Read Feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs; Good Transmission		
Resolution (Maximum)	PBT93X0 Auto Range: 0.190 mm / 7.5 mils		
READING RANGES	READING RANGES		
Typical Depth of Field			
Typical Beptil of Ficial	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast and ambient light dependent.		
PBT9300 AR: Code 39			
	contrast and ambient light dependent. 7.5 mils: 9.0 to 50.0 cm / 3.5 to 19.7 in 10 mils: 14.0 to 85.0 cm / 5.5 to 33.5 in 15 mils: 15.0 to 155.0 cm / 5.9 to 61.0 in 20 mils: 15.0 to 220.0 cm / 5.9 to 86.6 in 40 mils: 20.0 to 340.0 cm / 7.9 to 133.9 in 55 mils: 25.0 to 420.0 cm / 9.8 to 165.4 in Reflective Labels: Code 39: 70 mils: up to 9.0 m / 29.0 ft 100 mils: up to 11.5 m / 37 ft Note: Reading		
PBT9300 AR: Code 39	contrast and ambient light dependent. 7.5 mils: 9.0 to 50.0 cm / 3.5 to 19.7 in 10 mils: 14.0 to 85.0 cm / 5.5 to 33.5 in 15 mils: 15.0 to 155.0 cm / 5.9 to 61.0 in 20 mils: 15.0 to 220.0 cm / 5.9 to 86.6 in 40 mils: 20.0 to 340.0 cm / 7.9 to 133.9 in 55 mils: 25.0 to 420.0 cm / 9.8 to 165.4 in Reflective Labels: Code 39: 70 mils: up to 9.0 m / 29.0 ft 100 mils: up to 11.5 m / 37 ft Note: Reading		
PBT9300 AR: Code 39 SAFETY & REGULATORY	contrast and ambient light dependent. 7.5 mils: 9.0 to 50.0 cm / 3.5 to 19.7 in 10 mils: 14.0 to 85.0 cm / 5.5 to 33.5 in 15 mils: 15.0 to 155.0 cm / 5.9 to 61.0 in 20 mils: 15.0 to 220.0 cm / 5.9 to 86.6 in 40 mils: 20.0 to 340.0 cm / 7.9 to 133.9 in 55 mils: 25.0 to 420.0 cm / 9.8 to 165.4 in Reflective Labels: Code 39: 70 mils: up to 9.0 m / 29.0 ft 100 mils: up to 11.5 m / 37 ft Note: Reading Performances may change with different symbologies The product meets necessary safety and regulatory approvals for its intended use.		
PBT9300 AR: Code 39 SAFETY & REGULATORY Agency Approvals	contrast and ambient light dependent. 7.5 mils: 9.0 to 50.0 cm / 3.5 to 19.7 in 10 mils: 14.0 to 85.0 cm / 5.5 to 33.5 in 15 mils: 15.0 to 155.0 cm / 5.9 to 61.0 in 20 mils: 15.0 to 220.0 cm / 5.9 to 86.6 in 40 mils: 20.0 to 340.0 cm / 7.9 to 133.9 in 55 mils: 25.0 to 420.0 cm / 9.8 to 165.4 in Reflective Labels: Code 39: 70 mils: up to 9.0 m / 29.0 ft 100 mils: up to 11.5 m / 37 ft Note: Reading Performances may change with different symbologies The product meets necessary safety and regulatory approvals for its intended use. See the Regulatory Addendum for details.		

Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.
Remote Host Download	Available on request
WARRANTY	
Warranty	3-Year Factory Warranty (corded models) 3-Year Factory Warranty (cordless models)

PowerScan 9500 Series

OVERVIEW

AIM, TRIGGER, DECODE: IT'S THAT SIMPLE!

An intuitive and effortless scanning experience is the target of the PowerScan^M 9501 series. They combine omnidirectional reading capabilities with outstanding optical characteristics. The result is a scanner that is able to read any kind of bar code, regardless of the orientation, from contact to over 1.0 m / 3.3 ft, depending on the bar code resolution. In addition, Datalogic's latest decoding software guarantees snappy reading in any type of environment.

MOBILITY ENHANCES PRODUCTIVITY

The Datalogic STAR Cordless System[™] for narrow-band radio communications was developed specifically to maximize efficiency and reliability for handheld scanner data collection applications. The PowerScan PM9501 models are equipped with a new generation of the STAR-System that further improves the already outstanding features of versatility, ease of use and radio range.

The PM9501 series offers two display options: 4 configurable keys and a full 16-key keyboard. This increases interaction between the host and the user allowing a two-way exchange of information for more reliable and effective communications.

The BC9180 base/charger also includes in one model two different Ethernet connections: Standard Ethernet and Industrial Ethernet protocols such as Ethernet IP and Modbus.



DEVELOPED WITH THE USER IN MIND

Handle shape, well-balanced weight and an intuitive aiming system allows high first-pass reading rates while reducing unnatural wrist movements for improved ergonomics and user comfort.

The PowerScan 9501 area imagers use a soft-pulsed white

illumination light that is very gentle on the eyes and less troublesome to the operator during scan-intensive applications.

APPLICATIONS

Entertainment

- · Access Control
- Mobile Coupons
- Ticket Validation
- Security / Age Verification
- Lottery

Manufacturing Shop Floor

- Work-in-Progress
- Sub-Assembly
- Component Tracking
- Quality Control
- Time and Cost Analysis
- Machine Replenishment / Configuration
- Line Inventory Control

Warehouse and Logistic Centers

- Shipping / Receiving
- Parcel Preparation
- Picking / Put Away
- Automatic Sorting Back-Up

CORDLESS COMMUNICATIONS		
Datalogic STAR Cordless System™	Effective Radiated Power: 433 MHz: <10 mW; 910 MHz: <50 mW Point-to-Point Configuration Multi-Point Configuration: Max. Readers per Radio Receiver: 16	
Radio Frequency	433 MHz; 910 MHz	
Radio Range (Open Air)	433 MHz: 120 m / 393 ft low speed; 50 m / 164 ft high speed 910 MHz: 220 m / 721 ft low speed; Frequency hopping 170 m / 558 ft high speed Seamless Roaming; Two Way Communications	
DECODING CAPABILITY		
1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes	
2D Codes	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code;	
Postal Codes	Australian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post;	
Stacked Codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites	
ELECTRICAL		
Battery	Lithium-Ion 3350 mAh Charge Time: External Power: 4.5 Hours; Host Power: 10 Hours	
Reads Per Charge	Continuous Reading: 60,000+ (typical @ 25 °C)	
Cradle Indicator LEDs	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)	
Cradle Consumption and DC Input Supply Range	Volt 10-30 VDC; Power <8W*; Max 500mA when in host/bus powered mode* *Typical input current measured under factory default configuration.	
Operating (Typical)	150 mA @ 10 VDC	
Input Voltage	External Power: 10-30 VDC; POT: 5 VDC +/- 10%	
ENVIRONMENTAL		
Ambient Light	0 – 100,000 lux	
Drop Resistance	Cradle: Withstands 50 drops from 1.2 m $/$ 3.9 ft onto a concrete surface PM9501: Withstands 50 drops from 2.0 m $/$ 6.6 ft onto a concrete surface	
ESD Protection (Air Discharge)	20 kV	
Humidity (Non-Condensing)	95%	
Particulate and Water Sealing	IP65	
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Battery Charging: 0 to 45 °C / 32 to 113 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F	
INTERFACES		
Interfaces	Keyboard Wedge; RS-232; RS-485; USB: OEM USB; USB COM; USB HID Keyboard; Optional Ethernet (Standard, Industrial)	
PHYSICAL CHARACTERISTICS		
Colors Available	Yellow/Black	
Dimensions	Cradle: 24.0 x 10.8 x 9.5 cm / 9.4 x 4.3 x 3.8 in PM9501: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in	
Display	PM9501-D, PM9501-DK: Display Type: Graphic with White Backlight; Font Dimensions: User selectable (6 lines x 21 columns default); Screen Dimensions: 48 x 132 pixels	
Keypad	PM9501-D: 4 Configurable Keys PM9501-DK: 16 Configurable Keys	
Weight	PM9501-XX, PM9501-HPXX, 400 g / 14.1 oz PM9501-DXX, PM9501-DHPXX: 440 g / 15.5 oz PM9501-DKXX, PM9501-DKHPXX: 445 g / 15.7 oz	
READING PERFORMANCE		

Imager Sensor	PM9501: 864 x 544; PM9501-HP: 1280 x 1024
Light Source	Aiming: 630 – 680 nm VLD; Illumination: White LEDs
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 40°; RoII (Tilt): 360°; Skew (Yaw): +/- 40°
Reading Indicators	Beeper (Adjustable Tone and Volume); Datalogic's 3GL™ (Three Green Lights) technology and loud beeperfor good-read feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs
Resolution (Maximum)	PM9501: 1D Codes: 4 mil; 2D Codes: 7.5 mil PM9501-HP: 1D Codes: 2.5 mil; 2D Codes: 4 mil
READING RANGES	
Typical Depth of Field	Minimum distance determined by symbol length and scan angle; Printing resolution, contrast, and ambient light dependent.
SAFETY & REGULATORY	
Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H.
Laser Classification	Caution Laser Radiation – Do not stare into beam CDRH Class II: IEC 60825 Class 2
LED Classification	IEC 62471 Class 1 LED
UTILITIES	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JavaPOS	OPOS and JavaPOS Utilities are available for download at no charge.
Remote Host Download	Available on request
WARRANTY	
Warranty	3-Year Factory Warranty (corded models)

QuickScan 2100 Series

OVERVIEW

LINEAR DECODING

Today there is an increased trend towards 2D bar codes, however, linear bar codes are still dominant in the automatic data capture industry. Long bar codes are commonly used in a variety of applications including utilities bills, document processing and packaging. These long codes are a challenge for full area imagers to read due to their narrow field of view and shorter depth of field.

ENHANCED PERFORMANCE

The QuickScan 2131 imager's extra-wide field of view and extra-long scan line makes reading long bar codes in closer distances much easier. The sharp and highly visible scan line makes the scanner more user-friendly to use, while the enhanced depth of field enables bar codes to be read at an intuitive distance. The stylish design is the signature of the QuickScan series, completing a consistent family appearance.



CORDLESS FEATURES

Narrow band radio communications with Datalogic's STAR Cordless System™ (QM2131) or Bluetooth® wireless technology (QBT2131) are the keys to increased productivity and flexibility in the workplace.

An innovative, long lasting and user replaceable Li-lon battery package allows the simultaneous replacement of battery and scanner contacts for a refresh of the most significant parts related to a mobile product's functionality.

A microUSB port on the scanner foot allows an auxiliary method for battery recharging and host download configuration, and also allows the product to be used without the cradle.

APPLICATIONS

Retail:

• Point of Sale Checkout • Shelf Replenishment
• Goods Receiving • Inventory

Commercial Services:

• Banks • Public Administration
• Utilities

WIRELESS COMMUNICATIONS	
Datalogic STAR2.0 Cordless System	Effective Radiated Power: 433.92 MHz; Point-to-Point Configuration; Radio Frequency: 433 MHz Radio Range (Open Air): 25 m / 82 f
Bluetooth Wireless Technology	Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle: 1 Profiles: HID (Human Interface Device) SPP (Serial Port Profile) Protocol: Bluetooth 3.0 Certified Class 2 Radio Frequency: 2.4 GHz; Radio Range (Open Air): 25 m / 82 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication
DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
ELECTRICAL	
Battery	Battery Type: Lithium-Ion 1400 mAh; Charge Time: External Power: 4 hrs @ 12 VDC; Reads per Charge: 30,000 +
Input Voltage	4.75 – 14 VDC
ENVIRONMENTAL	
Ambient Light	0 – 120,000 lux
Drop Resistance	Withstands repeated drops from 1.5 m $\!\!\!/$ 5.0 ft onto a concrete surface.
ESD Protection (Air Discharge)	16 kV
Humidity (Non-Condensing)	90%
Particulate and Water Sealing	IP42
Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
PHYSICAL CHARACTERISTICS	
Colors Available	Black, White
Dimensions	16.3 x 9.1 x 4.1 cm / 6.4 x 3.6 x 1.6 in
Weight	Bluetooth Model: Reader: 190 g / 6.7 oz Base/Charger: 221 g / 7.8 oz STAR Model: Reader: 190 g / 6.7 oz Base/Charger: 215 g / 7.6 oz
READING PERFORMANCE	
Field of View	56° +/- 2°
Light Source	Red LED 610 – 650 nm
Print Contrast (Minimum)	25%
Read Rate	400 reads / sec.
Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 70°

Reading Indicators	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
Resolution (Maximum)	0.102 mm / 4 mils (Linear Codes)
READING PERFORMANCE	
Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 4 mils: 3.0 to 11.0 cm / 1.2 to 4.3 in 5 mils: 2.0 to 15.0 cm / 0.8 to 5.9 in 7.5 mils: 2.0 to 25.0 cm / 0.8 to 9.8 in 10 mils: 2.0 to 36.0 cm / 0.8 to 14.2 in 13 mils: 1.0 to 45.0 cm / 0.4 to 17.7 in 20 mils: 4.0 to 70.0 cm / 1.5 to 27.5 in
SAFETY & REGULATORY	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge
Remote Host Download	Lowers service costs and improves operations.
WARRANTY	
Warranty	3-Year Factory Warranty

QuickScan 2400 Series

OVERVIEW

AREA IMAGING TECHNOLOGY

The QuickScan Lite QW2400 2D area imager is an entry level scanner specifically designed for reading long and truncated 1D codes and larger 2D codes from close distance. The QW2400 imager has an extra-wide Field of View (FOV)which captures these challenging 1D and 2D codes at a nominal distance using different scan angles, meeting the scanning needs in Retail, Light Manufacturing, Document/Bill Processing and Banking /Finance. The QuickScan Lite 2D imager is the most affordable area imager with the best performance in its class

DESIGNED WITH THE USER IN MIND

The QW2400 imager is small, lightweight and its ergonomic design is comfortable to use in daily operations. It offers snappy reading performance on most commonly used 1D and 2D codes, whether printed or displayed on a mobile device. The white illumination combined with the blue aiming dot provides users with a visible and clear aiming system without irritating the user's eyes. Datalogic's patented 'Green Spot' technology provides good-read feedback in noisy environments and the internal beeper can be silenced for quiet environments



SIMPLICITY IS THE BEST

The QW2400 area imager is available in two interface options: USB or Keyboard Wedge/RS-232. Customers can purchase the scanner only or separate certified kits which include a cable and stand.

 $All\ accessories\ can\ be\ shared\ with\ the\ QW2100\ linear\ imager,\ making\ it\ easier\ for\ customers\ to\ upgrade\ from\ 1D\ to\ 2D\ readers.$

Retail Light Manufacturing Document / Bill Processing Banking / Financial Environments

DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1DataBar™ linear codes.
2D Codes	Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code

BANJANE COMPRISED SEDICATION COMPRISES SEDICATION COMPRISES AS DICEIDATES AS DICEIDA	Postal Codes	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
Current Coperating (Typical): 100 mA, @ 5 VDC Standbylede (Typical): 80 mA, @ 5 VDC Input Voltage 5 VDC 4/-10% ENVISIONMENTAL Ambient Light Up to 92,000 Nax Drop Resistance Withstands reported drops from 1.5 m / 9.0 ft onto a concrete surfoce. SSD Protection (Air Discharge) 15 VV Humidity (Non-Condensing) 0 - 96% Particultie and Water Sealing 1942 Temperature Operating 0 to 50 °C / 32 to 122 °F Stanage/Transport: -20 to 70 °C / -4 to 158 °F NRESFACES Interface OW2470-BR RS-332/keyboard Wedge OW2700-BC US8 Physical CHARACTERISTICS Colors Available 0 Block Dimensions 71x 171x 6.5 cm / 2.8 x 6.7 x 2.5 in Weight 100 g / 4.2 or RADING PEFFORMANCE Image Sensor Field of Views 48 x 27° (1x v.) Wide VGA: 840 x 460 pixels Light Source Aring 1 Blue LCD: Bluminations White LCD 350 - 770 mm Motion Tolerance 20 PS Print Contrast Ratio (Minimum) 20% Reading indicators Reading Angle Minimum distance determined by symbol length and scon angle. Printing resolution controls and controls light dependent. Colde 35 mile 0.5 to 15 S cm / 0.2 to 4.5 S in 15 Controls and controls. One of the St cm / 0.2 to 15 in PS 47 R 6 mile 10 8 s cm / 0.2 to 16 in PS 47 R 6 mile 10 8 s cm / 0.2 to 6.5 S cm / 0.2 to 16 in PS 47 R 6 mile 10 to 8 s cm / 0.4 to 2.7 in Dcc 20 mile 10 to 16 S cm / 0.4 to 2.7 in Dcc 20 mile 10 to 16 S cm / 0.4 to 2.7 in Dcc 20 mile 10 to 16 s cm / 0.4 to 5.5 cm / 0.4 to 2.7 in Dcc 20 mile 10 to 16 s cm / 0.4 to 5.5 cm / 0.4 to 2.7 in Dcc 20 mile 10 to 16 cm on the reference to for a list of certifications. Environmental Compliance Dcc 20 Complex to Clinic Roution program is available for download at no charge. OPOS / JavaPOS Remote Host Download Lovers service costs and improves operations (-6M models cmy)	Stacked Codes	DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417;
Input Voltage 5 VPC 1/7-10% ENVIRONMENTAL Ambient Light Up to \$2,000 lux Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. ESD Protection (Air Discharge) 18 kV Humidity (Non-Condensing) 0 – 95% Porticulate and Water Sealing 1842 Temperature Operating 0 to 50 °C / 32 to 12.2 °F Storage/Tronsport20 to 70 °C / -4 to 188 °F INTERACES Interfaces QW2470-18. RS-222/keyboard Wedge QW2700-18. U39 PNYSICAL CHARACTERISTICS Colors Available Block Dimensions 71 k 71 x 5.6 cm / 2.8 x 5.7 x 2.8 in Weight 100 g / 4.2 oz RADNO PESPORMANCE Image Sensor Field of Views 48 x 27° (4 x V) Wide Visit 640 x 480 pixels Light Source Airning 1 Rbus LESS illumination White LED 360 - 770 cm Motion Tolerance 20 PS Print Contrast Ratio (Minimum) 20% Reading Angle Fitch: 1/ 55% Roll (Till): 1/ 350% Stew (Yaw): 1/ 55% Reading Indicators Code 8 de Air mile 0.102 mm PDF417. 6.6 mile 0.108 mm QR/Data Motiots 7.5 mile 0.101 mm RADNO RANCES SAFEY & REQUIATORY Agency Approvals Code 8 de Air mile 0.102 mm PDF417. 6.6 mile 0.108 mm QR/Data Motiots 7.5 mile 0.101 mm SAFEY & REQUIATORY Agency Approvals Code 8 de Air mile 0.102 mm PDF417. 6.6 mile 0.108 mm QR/Data Motiots 7.5 mile 0.101 mm Environmental Compiliance Code 8 de Air mile 0.100 mm podular on the referred to for a list of certifications. The Quick Reference Guide for this product can be referred to for a list of certifications. Code 18.6 Air mile 0.100 ms on violation program is available for dewnload of an ocharge. Print Collegic Aladdin** OPOS of JavaPOS RODOS of JavaPOS RODOS and JavaPOS und improves operations (-RM models only) WARRANTY	ELECTRICAL	
ENVIRONMENTAL Ambient Light Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft anto a concrete surface. ESD Protection (Air Discharge) Humidity (Non-Condensing) 0 – 95% Particulate and Water Sealing IP42 Convening 0 to 50 °C / 52 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F Interfaces (W2470-Bit 88-222/Keyboard Wedge (W2700-Bit US8 Pivisical CHARACTERISTICS Colors Available Block Dimensions 71 x 171 x 6.8 cm / 2.8 x 6.7 x 2.6 in Weight 120 g / 4.2 oz READING PEROMANCE Image Sensor Field of View. 48 x 37° (11 x V) Wide VOA. 540 x 480 pivels Light Source Arrings I Blue I ES; Blumination: White I ED 580 - 770 nm Motion Tolerance Print Controst Ratio (Minimum) 20% Reading Angle Fibor x 1/- 85° Roll (Tib): x 1/- 85° Skew (Yow): x 1/- 85° Reading Angle Reading Indicators Reading Indicators Reading Indicators Minimum distance determined by symbol length and scon angle. Printing resolution controst, and ambient light dependent. Code 8.8 mile: 0.10 a mm PCF417. 6.8 mile: 0.10 a mm PCF417. 6.9 mile: 0.10	Current	Operating (Typical): 170 mA @ 5 VDC Standby/Idle (Typical): 90 mA @ 5 VDC
Ambient Light Up to 9,000 Nux Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface. ESD Protection (Air Discharge) 15 kV Humidity (Non-Condensing) 0 – 95%. Particulate and Water Sealing 1842 Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport -20 to 70 °C / -4 to 158 °F INTERFACES Interfaces QW247C-BK.RS-222/Keyboard Wedge QW2700-BK USB PHYSICAL CHARACTERISTOS Colors Available Bilack Dimensions 73 k (71 x 8.5 cm / 2.8 x 6.7 x 2.8 in 2.8 x 6.7 x 2.8 x 6.7 x 2.8 in 2.8 x 6.7 x 2.8 x 6.7 x 2.8 in 2.8 x 6.7 x 2.8	Input Voltage	5 VDC +/- 10%
Drop Resistance ESD Protection (Air Discharge) 16 kV Humidity (Non-Condensing) 0 - 95% Particulate and Water Sealing 18-42 Temporature Operating-0 to 50 °C / 32 to 122 °F Storage/Transport-20 to 70 °C / -4 to 158 °F Interfaces (W/2470-86: 85-252/Keyboard Wedge QW/2700-86: USS PHYSICAL CHARACTERISTICS Colors Available Block Dimensions 71 k 71 x 8.8 cm / 2.8 x 8.7 x 2.8 in Weight 10 g / 4.2 oz READNO PERFORMANCE Image Sensor Field of View 48 x 37° (4 x x) Wider V6A: 640 x 480 pixels Uight Source Aiming-1 8bus (ED; Mumination: White (ED 350 - 770 nm Motion Tolerance 20 IPS Print Contrast Ratio (Minimum) 20 K Reading Indicators Reading Indicators Reading Indicators Cool 80: 4 till Cool 80: 4 till Cool 80: 4 till Cool 80: 4 till Typical Depth of Field Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and armbiant light dependent. Cool 9: 8 thill 0: 10 to 8.5 cm / 0.4 to 8.5 in SAFETY & REDULATORY The product meets recessary sofety and regulatory approvals for 1s intended use. the Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Unums Datalogic Aladdin* Datalogic Aladdin configuration program is available for download at no charge. Remote Host Download Unwers service costs and improves operations (-8M models only) WARRANTY	ENVIRONMENTAL	
EDP Protection (Air Discharge) Humidity (Non-Condensing) Particulate and Water Sealing Particulate and Water Sealing Particulate and Water Sealing Particulate and Water Sealing Particulate Sealing Particula	Ambient Light	Up to 92,000 lux
Pursiculate and Water Sealing Particulate And Water Sealing Partic	Drop Resistance	Withstands repeated drops from 1.5 m $\!\!\!/$ 5.0 ft onto a concrete surface.
Particulate and Water Sealing Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport; −20 to 70 °C / −4 to 158 °F INTERFACES Interfaces QW2470-BE.RS-232/Keyboard Wedge QW2700-BE.USB PHYSICAL CHARACTERISTICS Colors Available Black Dimensions 71x 171 x 6.8 cm / 2.8 x 6.7 x 2.8 in Weight 120 g / 4.2 ox READINO PERFORMANCE Image Sensor Field of View; 48 x 37° (H x V) Wide VGA. 640 x 480 pixels Light Source Alming: 1 Blue LED; Illuminations; White LED 350 − 770 nm Motion Tolerance 20 IPS Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: √- 65°; Roll (Till); √- 360°; Skew (Yraw); √- 65° Reading Indicators Coode 38.4 mile: 0.102 mm PDF417; 6.6 mile: 0.168 mm QR/Data Matrix; 7.8 mile: 0.181 mm READING RANGES Typical Depth of Field EAN/UnCA: 13 mile: 0.102 cm / 0.2 to 1.8 in PDF417; 6.6 mile: 1.0 to 9.5 cm / 0.4 to 8.5 in 15 in 1000 Matrix; 10 mile: 1.0 to 9.5 cm / 0.4 to 8.5 in 16 SAFETY & REGULATORY The product meets necessary sofety and regulatory approvals for its intended use. The Quick Reference Outlet for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to BU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	ESD Protection (Air Discharge)	16 kV
Interfaces (W2470-Bit R5-232/Keyboard Wedge QW2700-Bit USB PHYSICAL CHARACTERISTICS Colors Available Black Dimensions 71x171x 6.6 cm / 2.8 x 6.7 x 2.6 in Weight 120 g / 4.2 oz READING PERFORMANCE Image Sensor Fleid of View: 48 x 37° (H x V) Wide VGA: 640 x 480 pixels Light Source Aiming: 1 Blue LLD; illumination: White LED 350 – 770 nm Motion Tolerance 20 ii/S Print Contrast Ratio (Minimum) 20% Reading Angle Flich: 4/- 65°; Roil (Trill): 4/- 350°; Skew (Yaw): 4/- 65° Reading Indicators Beeper (Adjustable 102 mm PDF417: 6.8 mills: 0.168 mm GR/Data Matrix: 7.5 mills: 0.191 mm READING RANGES Typical Depth of Field Minimum distance determined by symbol length and soon angle. Printing resolution, contrast, and armbient light dependent. Code 38.5 mills: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UFAC: 13 mills: 0.5 to 3.0 cm / 0.2 to 18.1 in PDF417: 8.5 mills: 10 to 8.5 cm / 0.4 to 3.7 in QR: 20 mills: 10 to 9.5 cm / 0.4 to 3.7 in QR: 20 mills: 10 to 4 cm / 0.4 to 6.5 in SAFETY & REGOLATORY The product meets necessary sofety and regulatory approvals for its intended use. The Quick Reference Cuide for this product can be referred to for a list of certifications. Environmental Compliance Ocos JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download WARRANTY	Humidity (Non-Condensing)	0 - 95%
Interfaces (PW2470-Bit. RS-232/Keyboard Wedge QW2700-Bit. USB PHYSICAL CHARACTERISTICS Colors Available Black Dimensions 7.1 x 17.1 x 8.6 cm / 2.8 x 6.7 x 2.6 in Weight 120 g / 4.2 oz READING PERFORMANCE Image Sensor Field of View. 48 x 37° (H x V) Wide VGA. 640 x 480 pixels Light Source Alming: I Blue LED; Illumination: White LED 350 − 770 nm Motion Tolerance 20 PS Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: +/− 65° Roll (Till): +/− 360°, Skew (Yraw): +/− 65° Reading Indicators Beeper (Adjustable Tone and Volume), Datalogic 'Green Spot' Good Read Feedback: Good Read LED Resolution (Maximum) READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39.8 mile: 0.5 to 125 cm / 0.2 to 4.8 in EAN/UPCA: 13 mile: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417. 6.6 mile: 10 to 8.5 cm / 0.4 to 5.5 in SAFETY & REGULATORY Agency Approvals The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compilance Compiles to China RoHs; Compiles to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. Remote Host Download WARRANTY	Particulate and Water Sealing	IP42
Interfaces QW2470-Bit RS-232/Keyboard Wedge QW2700-Bit USB PHYSICAL CHARACTERISTICS Colors Available Black Dimensions 7.1x171x 6.6 cm / 28 x 6.7 x 2.6 in Weight 120 g / 4 2 ox READINO PERFORMANCE Image Sensor Field of View. 48 x 37" (H x V) Wide VGA: 640 x 480 pixels Light Source Aiming: I Blue LED; Blumination: White LED 350 – 770 nm Motion Tolerance Print Contrast Ratio (Minimum) 20% Reading Angle Print: +/- 65° Roll (Ell): +/- 380°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic Green Spot' Good Read Feedback; Good Read LED Resolution (Maximum) Code 38*. 4 mile: 0.102 mm PDF417: 8.8 mile: 0.168 mm QR/Data Matrix: 7.5 mile: 0.191 mm READING RANGES Minimum distance determined by symbol length and soon angle, Printing resolution, contrast, and ambient light dependent. Code 39: 5 mile: 0.5 to 25.cm / 0.2 to 4.8 in EAN/UPCA: 13 mile: 0.5 to 3.0 cm / 0.2 to 1.8 in DF417: 6.8 mile: 10 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mile: 10 to 9.5 cm / 0.4 to 5.5 in in Typical Depth of Field SAFETY & REGULATORY The product meets necessary sofety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHs; Complies to EU RoHs UTILITIES Datalogic Aladdin TM Datalogic Aladdin configuration program is available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F
PHYSICAL CHARACTERISTICS Colors Available Black Dimensions 7.1x 17.1x 6.8 cm / 28 x 6.7 x 2.6 in Weight 120 g / 4.2 oz READING PERFORMANCE Image Sensor Field of View. 48 x 37° (H x V) Wide VGA: 640 x 480 pixels Light Source Alming: I Blue LED; Illumination: White LED 350 - 770 nm Motion Tolerance Print Contrast Ratio (Minimum) 20% Reading Angle Print: +/- 65°; Roll (Trit): +/- 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic Green Spot' Good Read Feedback; Good Read LED Resolution (Maximum) Code 39: 4 mils: 0.102 mm PDF417; 6.6 mils: 0.168 mm QR/Data Matrix 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scon angle. Printing resolution, controst, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in mils: 0.10 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Quide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHs; Complies to EU ROHS UTILITIES Datalogic Aladdin** Datalogic Aladdin onligurotion program is available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	INTERFACES	
Colors Available Dimensions 7.1 x 17.1 x 6.6 cm / 2.8 x 6.7 x 2.6 in Weight 120 g / 4.2 oz READING PERFORMANCE Image Sensor Field of View. 48 x 37° (H x V) Wide VOA: 640 x 480 pixels Light Source Alming: 1 Blue LED; Illumination: White LED 350 - 770 nm Motion Tolerance 20 IPS Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: +/- 65° Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED Resolution (Maximum) Code 38: 4 mils: 0.102 mm PDF417: 6.6 mils: 0.188 mm QR/Data Matrix: 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scon angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN JUPCA: 13 mils: 0.5 to 3.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 10 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 10 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 10 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary sefety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Datalogic Aladdin** Datalogic Aladdin** Datalogic Aladdin Datalogic Aladdin program is available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Interfaces	QW2470-BK: RS-232/Keyboard Wedge QW2700-BK: USB
Dimensions 7,1 x 17,1 x 6.6 cm / 2.8 x 6.7 x 2.6 in	PHYSICAL CHARACTERISTICS	
Weight 120 g / 4.2 oz READING PERFORMANCE Image Sensor Field of View: 48 x 37° (H x V) Wide V9A: 640 x 480 pixels Light Source Alming: 1 Blue LED; Illumination: White LED 350 − 770 nm Motion Tolerance 20 IPS Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: +/- 65°, Roll (Titl): +/- 350°, Skew (Yaw): +/- 65° Reading Indicators Resolution (Maximum) READING RANGES Winimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 38: 5 mils: 0.5 to 12.5 cm / 0.4 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 1.8 in PDF417: 6.6 mils: 10 to 9.5 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. READING C-RM Townload Lowers service costs and improves operations (-RM models only) WARRANTY	Colors Available	Black
READING PERFORMANCE Image Sensor Field of View: 48 x 37° (Hx V) Wide VGA: 640 x 480 pixels Light Source	Dimensions	7.1 x 17.1 x 6.6 cm / 2.8 x 6.7 x 2.6 in
Image Sensor Field of View: 48 x 37º (H x V) Wide VGA: 640 x 480 pixels Light Source	Weight	120 g / 4.2 oz
Light Source Alming: 1 Blue LED; Illumination: White LED 350 – 770 nm Motion Tolerance 20 IPS Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED Resolution (Maximum) READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 3.0.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Qt: 20 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Qt: 20 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Qt: 20 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Qt: 20 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Qt: 20 mils: 1.0 to 4 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU ROHS UTILITES Datalogic Aladdin** Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download WARRANTY	READING PERFORMANCE	
Motion Tolerance Print Contrast Ratio (Minimum) 20% Reading Angle Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume): Datalogic 'Green Spot' Good Read Feedback'; Good Read LED Code 39: 4 mils: 0.102 mm PDF417: 6.6 mils: 0.168 mm QR/Data Matrix: 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 118 in PDF417: 6.6 mils: 10 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS Remote Host Download Lowers service costs and improves operations (-RM models only)	Image Sensor	Field of View: 48 x 37° (H x V) Wide VGA: 640 x 480 pixels
Print Contrast Ratio (Minimum) Reading Angle Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED Resolution (Maximum) Code 39: 4 mills: 0.102 mm PDF417: 6.6 mills: 0.168 mm QR/Data Matrix: 7.5 mills: 0.191 mm READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mills: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mills: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mills: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mills: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mills: 1.0 to 14 cm / 0.4 to 5.5 in in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download WARRANTY	Light Source	Aiming: 1 Blue LED; Illumination: White LED 350 – 770 nm
Reading Angle Pitch: +/- 65°, Roll (Tilt): +/- 360°, Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback', Good Read LED Code 39: 4 mils: 0.102 mm PDF417: 6.6 mils: 0.168 mm QR/Data Matrix: 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, controst, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only)	Motion Tolerance	20 IPS
Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED Code 39: 4 mils: 0.102 mm PDF417: 6.6 mils: 0.168 mm QR/Data Matrix: 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 1.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin [™] Datalogic Aladdin configuration program is available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only)	Print Contrast Ratio (Minimum)	20%
Resolution (Maximum) Code 39: 4 mils: 0.102 mm PDF417: 6.6 mils: 0.168 mm QR/Data Matrix: 7.5 mils: 0.191 mm READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only)	Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65°
READING RANGES Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS Remote Host Download Lowers service costs and improves operations (-RM models only)	Reading Indicators	
Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (¬RM models only)	Resolution (Maximum)	
contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin TM Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only)	READING RANGES	
The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Typical Depth of Field	contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 5.5
Agency Approvals The Quick Reference Guide for this product can be referred to for a list of certifications. Environmental Compliance Complies to China RoHS; Complies to EU RoHS UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only)	SAFETY & REGULATORY	
UTILITIES Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Agency Approvals	The Quick Reference Guide for this product can be referred to for a list of
Datalogic Aladdin™ Datalogic Aladdin configuration program is available for download at no charge. OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Environmental Compliance	Complies to China RoHS; Complies to EU RoHS
OPOS / JavaPOS OPOS and JavaPOS utilities are available for download at no charge. Lowers service costs and improves operations (-RM models only) WARRANTY	UTILITIES	
Remote Host Download Lowers service costs and improves operations (-RM models only) WARRANTY	Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
WARRANTY	OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.
	Remote Host Download	Lowers service costs and improves operations (-RM models only)
Warranty 3-Year Factory Warranty	WARRANTY	
	Warranty	3-Year Factory Warranty

QuickScan 2500 Series

OVERVIEW

IMAGING TECHNOLOGY

The market trend towards 2D barcodes has clearly spread across the whole data capture industry. This is particularly true at Retailers' where POS check-out activities face an increased need for 2D scanning and at the same time rely on reading mobile phone displays and loyalty cards.

THE MOST PROMPT RESPONSE AT THE POS CHECK-OUT

The QuickScan 2500 2D imager is your trusted companion at the POS check-out. It knows very well the importance of prompt readings, whatever the barcode, regardless of whether it's hard-to-read, poorly printed or damaged, and it easily scans mobile devices and through plexiglass barriers, all at an incredibly affordable price.



EXTREME PRECISION CONVEYED

A sense of extreme precision is conveyed to the operator at any time, facilitating their job by clearly showing where the scanner is pointing. From the intuitive blue dot of the QW2500 model, you can even get all the extra-precision you need with the outstanding aimer of the QD2500 model, made of two blue sharply-defined triangles. Datalogic's 'Green Spot' technology then confirms the good read, perfectly centered on the barcode and between the two triangles, backed up by a powerful beeper that can be adjusted to your preferred level of sound. Overall, the soft red illumination lowers fatigue on the operator's eyes.

CUTTING-EDGE DESIGN AND FEATURES

Whenever the operator picks up the device, it switches automatically into 'handheld mode' for manual reading, thanks to Datalogic's advanced Motionix™ motion-sensing technology. A seamless transition to presentation mode is then offered by the QD2500 model and its auto-sense capability. Featuring the distinctive design and family feeling of the Datalogic general purpose offering of handheld scanners, the QuickScan 2500 series offers a choice of two colors: black and white, and a variety of stands and accessories to best fit in any in-store environment.

APPLICATIONS

Retail - Point of Sale: Check-out, Loyalty card and Electronic coupons	Commercial Services: Postal, Banks, Public Administration, Utilities
Hospitality: Ticketing (sporting events, concerts, transportation)	
Government: Lottery and gaming	Healthcare: Laboratories, Pharmacies and in-room patient care
Light Manufacturing: Work-in-progress (WIP)	

Cocker Afface Coder, China Han Xin Coder, Data Matrix, MassCoder, Micro QR Coder QR Coder Postal Codes Cocker Postal Codes Afface Coder, China Han Xin Coder, Data Matrix, May, Japonese Post, IXX Post, Planet Coder, Pestines, Anyal Mail Coder (MASCC) Stocked Codes EAN, Jan Composities of Diotolor Composities, 951 Dotolor Toponed Stocked, 051 Dotolor Toponed Stocked,	1D / Linear Codes	Auto discriminates all standard 1D codes including GS1DataBar™ linear codes.
Postal Codes Austracian Posts Bittish Posts China Posts Mis Japanese Post Nix Posts Pionet Codes Postal Codes Austracian Reyard Mail Code (InMARCC) Flacked Codes Stacked Codes Stacked Codes Stacked Codes Digital Watermarking Digital	2D Codes	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code;
Postnec Royal Moil Code (RMASCC)	25 00403	
Blacked Codes Dozdoor Stocked, OST Dozdoor Stocked, O	Postal Codes	
Digital Watermarking Digital mare Barcodes (202800 anky)	Stacked Codes	
ELECTRICAL Current Operating < 400 mA @ SV Standby/faller < 90 mA @ SV Input Voltage 5 VDC ENVIRONMENTAL Ambient Light 0 - 110,000 lux Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface Trigger Resistance Withstands 10 Mhits ESD Protection (Air Discharge) 16 kV Humidity (Non-Condensing) 0 - 85%. Perticulate and Water Sealing F52 Temperature Operating 0 to 50 °C / 32 to 122 °F Storage/fransport: ~40 to 70 °C / ~40 to 188 °F INTERFACES Interfaces QU2500. R5-232 / USB / Keyboard Wedge Multi-Interface QW2500. USB only Interface cable to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available QU2500. R5-232 / USB / Keyboard Wedge Multi-Interface QW2500. USB only Interface cable to USB-C connector is available. PHYSICAL CHARACTERISTICS Colors Available QU2500. R5-232 / USB / Keyboard Wedge Multi-Interface QW2500. USB only Interface cable to USB-C connector is available. PHYSICAL CHARACTERISTICS Colors Available QU2500. R5-232 / USB / Keyboard Wedge Multi-Interface QW2500. USB only Interface cable to USB-C connector is available. Physical Library American William William Beach William William Beach William William William American William William William Beach William William William W	Stucked Codes	
Current Operating: < 400 mA @ BV Standby/kdie. < 90 mA @ BV S DCC ENVIRONMENTAL Ambient Light O = 110,000 lux Drop Resistance Withstands repeated drops from 15 m / 5.0 ft onto a concrete surface Trigger Resistance Withstands 10 Mhits ESD Protection (Air Discharge) 16 kV Humidity (Non-Condensing) Particulate and Water Sealing PB2 Temperature Operating: 0 16 50 °C / 32 to 122 °F Storage/Transport: = 40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Co2500: R8-232 / USB / keyboard Wedge Multi-interface QWZ500: USB only interface Co26 let to USB-C connector is available PWSICAL CHARACTERISTICS Cofors Available Co2500: Block, White QWZ500: Block Dimensions 148 × 8 B × 12 8 cm / 5 B × 27 × 4 8 B in Weight 145.0 g / 5 a oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Outek Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China Boil St, Complies to EU Boil S Environmental Compliance Complies to China Boil St, Complies to EU Boil S ENVIRONE PERFORMANCE Image Capture Graphic Formatis: BMP, JPFG, TIFF, Greyscale: 256, 18, 2 Image Sensor Cy2500: Megapikei (1280 x 800 pixels) QWZ500: VGA (640 x 480 pixels) Light Source Alming: Blue LED emission 488 nm Illumination: Red LED emission 624 nm Motion Tolerance Pixt: */- 65°, Roll (TiB): 360°; Skew (Yraw): */- 65° Reading Angle Pixt: */- 65°, Roll (TiB): 360°; Skew (Yraw): */- 65° Reading Indicators Reading (Maximum) Resolution (Maximum) Fig. Filis: QWZ500: Timilia (WZ500: Timilia; PDF417: DU77 mm / 3 milis; PDF407: PM77 mm /	Digital Watermarking	Digimarc Barcodes (QD2500 only)
Input Voltage 5 VDC ENVIRONMENTAL Ambient Light 0 - 110,000 lux Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft anto a concrete surface Trigger Resistance Withstands 10 Mhits ESD Protection (Air Discharge) 16 kV Humidity (Non-Condensing) 0 - 88% Particulate and Water Sealing IP52 Temperature Operating 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 188 °F INTER ACES Interfaces Cable to USB-C connector is available Physical CHARACTERISTICS Colors Available Q22500. 8lock, White QW2500. Block Dimensions 148 % 8.8 % 1.2 8 cm / 5.8 x 2.7 x 4.96 in Weight 15.0 °C / 30 to 25 °C / 30 to	ELECTRICAL	
ENVIRONMENTAL Ambient Light Drop Resistance Withstands 10 Mhits ESD Protection (Air Discharge) 16 kW Humidity (Non-Condensing) 0 - 95% Particulate and Water Sealing FE2 Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces O25500. Block, White QW2500: Block Dimensions 18 x 0.8 x 12.8 cm / 5.8 x 2.7 x 4.96 in Weight Agency Approvals The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHs, Complies to EU RoHs ELD Classification READING PERFORMANCE Under Servery 1 group, Alming Risk Group 1 according to EC 52471 READING PERFORMANCE Light Source Alming: Blue LED emission 488 nm Illumination: Red LED emission 624 nm Motion Tolerance Prict Contrast Ratio (Minimum) Reading Angle Reading Indicators Reading Indicators Reading Indicators Reading Indicators Withstands 10 Mhits Withstands 10 Mhits Withstands 10 Mhits EVitation 10 June 10 Jun	Current	Operating: < 400 mA @ 5V Standby/Idle: < 90 mA @ 5V
Ambient Light 0 - 110,000 lux Drop Resistance Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface Trigger Resistance Withstands 10 Mihits ESD Protection (Air Discharge) IB kW Humidity (Non-Condensing) 0 - 95%. Porticulate and Water Sealing IP52 Temperature Operating- 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces QU2500: RS-232 / USB / Keyboard Wedge Multi-interface QW2500: USB only interface Cable to USB-C connector is available Physical CHARACTERISTICS Colors Available QD2500: Block, White QW2500: Block Dimensions IA8 x 8.8 x 12.8 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China ReHs; Complies to EU RoHS EED Classification Illuminator Exempt group, Alming Risk Group I according to IEC 62471 READING PERFORMANCE Image Sensor QD2500: I Megapikel (1280 x 800 pixels) QW2500: Va A (640 x 480 pixels) Light Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Difficance QU2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch +/ - 85°, Roll (Till): 380°; Siew (Yow): +/ - 65° Reading Indicators Pitch Condens and You may 1 3 mills; DD164 Matric QU2500: Unean: 0.077 mm / 3 mills; DD164 Matric QU2500: In theor. 0.077 mm / 3 mills; DD164 Matric QU2500: To mode read LED control of them: 0.077 mm / 3 mills; DD164 Matric QU2500: To mode code: 7000-17 mm / 6 mills; DD164 Matric QU2500: ID theen: 0.077 mm / 3 mills; DD164 Matric QU25 mm Resolution (Maximum) / 5 mills; QR Code: 0.077 mm / 6 mills; DD164 Matric QU27 mm Resolution (Maximum) / 5 mills; QR Code: 0.077 mm / 6 mills; DD164 Matric QU27 mm	Input Voltage	5 VDC
Propo Resistance Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface Trigger Resistance Withstands 10 Mhits ESD Protection (Air Discharge) 18 kV Humidity (Non-Condensing) 0 - 95% Particulate and Water Seating 1P52 Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces O20500: R5-232 / USB / Keyboard Wedge Multi-Interface QW2500: USB only interface Cobie to USB-C connector is available Physical Characteristrics Colors Available O20500: Block, White QW2500: Block Dimensions 14.8 x 6.8 x 12.8 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS ELD Classification Illuminator Exempt group, Alming Risk Group 1 according to IEC 62471 READINO PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF, Grøyscola: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VSA (640 x 480 pixels) Light Source Alming: Blue LED emission 488 nm Illumination: Red IED emission 624 nm Motion Tolerance 30 JPS Print Contrast Ratio (Minimum) QD2500: minimum ISK QW2500: minimum ISK, with specific configuration Reading Angle Reading Indicators Reading Indicators CO2500: 1 Diesero Q077 mm / 3 mills; PDF417: 0.077 mm / 3 mills; Data Matric D127 mm / 5 mills; QR Code: 0.17 mm / 6 7 mills QW2500: 10 Linear. 0.077 mm / 3 mills; DD14 Matric D127 mm / 5 mills; QR Code: 0.17 mm / 6 7 mills QW2500: 10 Linear. 0.077 mm / 3 mills; DD14 Matric D127 mm / 5 mills; QR Code: 0.17 mm / 6 7 mills QW2500: 10 Linear. 0.077 mm / 3 mills; DD14 Matric D127 mm / 5 mills; QR Code: 0.17 mm / 6 7 mills QW2500: 10 Linear. 0.077 mm / 3 mills; DD14 Matric D127 mm / 5 mills; QR Code: 0.17 mm / 6 7 mills QW2500: 10 Linear. 0.077 mm / 3 mills; DD14 Matric D127 mm	ENVIRONMENTAL	
Trigger Resistance BSD Protection (Air Discharge) Is kV Humidity (Non-Condensing) 0 - 95% Particulate and Water Sealing IP52 Temperature Operating: 0 to 50 % / 32 to 122 % Storage/Transport: -40 to 70 % / -40 to 158 % INTERFACES INTERFACES INTERFACES OCIDIE to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available Ocopy Storage (White QW2500: Black White QW2500: Black Dimensions 14.8 x 8.8 x 12.8 cm / 5.8 x 2.7 x 4.98 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU ROHS ELD Classification Illuminator Exempt group, Alming Risk Group Laccording to IEC 82471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF, Greyscole: 256, 16, 2 Image Sensor QC2500: 1 Megapike (1280 x 800 pixels) QW2500: VGA (840 x 480 pixels) Light Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QC2500: minimum 15%, QW2500: minimum 15%, with specific configuration Reading Angle Print Contrast Ratio (Minimum) QC2500: in Lineare QU77 mm / 5 mile; pDt417: 0.077 mm / 3 mile; Data Matric: 0.127 mm Resolution (Maximum) / 5 mile; QR code: 0.17 mm / 6.7 mile; QW2500: 10 Lineare. 0.077 mm / 3 mile; Data Matric: 0.127 mm Resolution (Maximum)	Ambient Light	0 – 110,000 lux
BED Protection (Air Discharge) Humidity (Non-Condensing) 0 - 95% Particulate and Water Sealing P52 Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces OQ2500: R8-232 / USB / Keyboard Wedge Multi-Interface QW2500: USB only interface Cobbe to USB-C connector is available PMYSICAL CHARACTERISTICS Colors Available Q02500: Black, White QW2500: Black Dimensions 148 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight Agency Approvals The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHs; Complies to EU RoHS LED Classification Illuminator Exempt group, Alming Risk Group I according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscole: 256, 18, 2 Image Sensor Q02500: I Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) LIght Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Pitch: +/- 65°; Roll (TiB.): 360°; Skew (Yaw): +/- 65° Reading Angle Pitch: +/- 65°; Roll (TiB.): 380°; Skew (Yaw): +/- 65° Reading Indicators Reading Indicators Pages Quality of the code; Good-read LED emission 2077 mm / 3 mills; PDE417: 0.077 mm / 3 mills; Datal Matrix: 0.127 mm / 5 mills; QR code: 0.17 mm / 6.7 mills QW2500: ID Linear: 0.077 mm / 3 mills; Datal Matrix: 0.127 mm / 5 mills; QR code: 0.17 mm / 6.7 mills QW2500: ID Linear: 0.077 mm / 3 mills; DDE41 Matrix: 0.127 mm / 5 mills; QR code: 0.17 mm / 6.7 mills QW2500: ID Linear: 0.077 mm / 3 mills; PDE417: 0.077 mm / 3 mills; PDE41	Drop Resistance	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
Humidity (Non-Condensing) Particulate and Water Sealing Temperature Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 40 °C / 4	Trigger Resistance	Withstands 10 Mhits
Particulate and Water Sealing Temperature Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32 to 122 °F storage/Transport: -40 to 70 °C / -40 to 158 °F Interfaces Operating: 0 to 50 °C / 32	ESD Protection (Air Discharge)	16 kV
Temperature Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F INTERFACES Interfaces Q02500: RS-232 / USB / Keyboard Wedge Multi-Interface QW2500: USB only Interface Cable to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available Q02500: Black, White QW2500: Black Dimensions 14.8 × 6.8 × 12.6 cm / 5.8 × 2.7 × 4.96 in Weight Agency Approvals The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Quide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHs; Complies to EU RoHs LED Classification Illuminator Exempt group, Alming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor Q02500: 1 Megapixel (1280 × 800 pixels) QW2500: VGA (840 × 480 pixels) Light Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) Q02500: minimum 15%, QW2500: minimum 15%, with specific configuration Reading Angle Reading Angle Reading Indicators Pich: +/- 65°, Roll (Tilt): 380°, Skew (Ycw): +/- 65° Reading Indicators PAGE STORT THE ACT TO THE ACT THE	Humidity (Non-Condensing)	0 – 95%
Interfaces QD2500: RS-232 / USB / Keyboard Wedge Multi-Interface QW2500: USB only interface Cable to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available QD2500: Black, White QW2500: Black Dimensions 14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Quide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHs; Complies to EU RoHS LED Classification READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megaphxel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Alming: Blue LED emission 468 nm illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15%; QW2500: minimum 15%; with specific configuration Reading Angle Reading Indicators Performance: QD2500: Inlinear: 0.077 mm / 3 mills; PDF417: 0.077 mm / 3 mills; Data Matrix: 0.127 mm Resolution (Maximum) / 5 mills; QR Code: 0.17 mm / 6.7 mills QW2500: D Linear: 0.077 mm / 3 mills; PDF417: 0.077 mm / 3 m	Particulate and Water Sealing	IP52
Interfaces QD2500: RS-232 / USB / Keyboard Wedge Multi-Interface QW2500: USB only Interface Cable to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available QD2500: Black, White QW2500: Black Dimensions 14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPE6, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VOA (640 x 480 pixels) Light Source Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15%, QW2500: minimum 15%, with specific configuration Reading Angle Reading Indicators Pixer + Je6°, Roll (Till): 380°, Skew (Yaw): + Je6° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: ID Linear: 0.077 mm / 3 milis; PDF417: 0.077 mm / 3 milis; Data Matrix: 0.127 mm Resolution (Maximum) AD2500: ID Linear: 0.077 mm / 3 milis; PDF417: 0.077 mm / 3 milis; Data Matrix: 0.127 mm AD3500: ID Linear: 0.077 mm / 3 milis; PDF417: 0.077	Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
Interfaces Cable to USB-C connector is available PHYSICAL CHARACTERISTICS Colors Available QD2500: Black, White QW2500: Black Dimensions 148 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS LED Classification Illuminator Exempt group, Alming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65% Roll (Till): 360% Skew (Yaw): +/- 65% Reading Indicators PO2500: ID Linear: 0.077 mm / 3 milis; PDF417: 0.077 mm / 3 milis; Data Matrix: 0.127 mm Resolution (Maximum) / 5 milis; QR Code: 0.17 mm / 6.7 milis QW2500: ID Linear: 0.077 mm / 3 milis; Data Matrix: 0.127 mm / 5 milis; QR Code: 0.17 mm / 6.7 milis QW2500: ID Linear: 0.077 mm / 3 milis; Data Matrix: 0.127 mm / 5 milis; QR Code: 0.17 mm / 6.7 milis QW2500: ID Linear: 0.077 mm / 3 milis; Data Matrix: 0.127 mm / 5 milis; QR Code: 0.17 mm / 6.7 milis QW2500: ID Linear: 0.077 mm / 3 milis; Data Matrix: 0.127 mm	INTERFACES	
Colors Available Pimensions 14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHs; Complies to EU RoHs LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEO, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°, Roll (Tilt): 360°, Skew (Yaw): +/- 65° Reading Indicators QD2500: 10 Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; pota Matrix: 0.127 mm / 5 mils; QW2500: D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; pota Matrix: 0.127 mm / 5 mils; QW2500: D Linear: 0.077 mm / 3 mils; PDF417: 0.07	Interfaces	
Dimensions 14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in Weight 145.0 g / 5.1 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU ROHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPE6, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Alming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm Resolution (Maximum) / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	PHYSICAL CHARACTERISTICS	
Weight \$AFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor Q02500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) Q02500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED Q02500: 1D Linear: 0.077 mm / 3 mills; Data Matrix: 0.127 mm / 5 mills; QR Code: 0.17 mm / 6.7 mills QW2500: 1D Linear: 0.077 mm / 3 mills; PDF417:	Colors Available	QD2500: Black, White QW2500: Black
SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU ROHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 380°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Dimensions	14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in
The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Weight	145.0 g / 5.1 oz
Agency Approvals The Quick Reference Guide for this product can be referred to for a complete list of certifications Environmental Compliance Complies to China RoHS; Complies to EU RoHS LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm Resolution (Maximum) / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	SAFETY & REGULATORY	
LED Classification Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471 READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Agency Approvals	The Quick Reference Guide for this product can be referred to for a complete list of
READING PERFORMANCE Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Peeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Environmental Compliance	Complies to China RoHS; Complies to EU RoHS
Image Capture Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2 Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Peeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: ID Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: ID Linear: 0.077 mm / 3 mils; PDF417:	LED Classification	Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471
Image Sensor QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels) Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	READING PERFORMANCE	
Light Source Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Peeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: ID Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: ID Linear: 0.077 mm / 3 mils; PDF417:	Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Motion Tolerance 30 IPS Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Image Sensor	QD2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels)
Print Contrast Ratio (Minimum) QD2500: minimum 15% QW2500: minimum 15% with specific configuration Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Light Source	Aiming: Blue LED emission 468 nm Illumination: Red LED emission 624 nm
Reading Angle Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65° Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Motion Tolerance	30 IPS
Reading Indicators Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm Resolution (Maximum) / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Print Contrast Ratio (Minimum)	QD2500: minimum 15% QW2500: minimum 15% with specific configuration
Reading Indicators on the code; Good-read LED QD2500: 1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm Resolution (Maximum) / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Reading Angle	Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65°
Resolution (Maximum) / 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:	Reading Indicators	
READING RANGES	Resolution (Maximum)	/ 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:
Typical Depth of Field Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.		/ 5 mils; QR Code: 0.17 mm / 6.7 mils QW2500: 1D Linear: 0.077 mm / 3 mils; PDF417:

QD2500: Code 39: 5 mils: 0.5 to 25.0 cm / 0.2 to 9.8 in Code 39: 10 mils: 0.5 to 38.0 cm / 0.2 to 14.9 in Data Matrix: 10 mils: 0.5 to 21.5 cm / 0.2 to 8.5 in EAN/UPCA: 13 mils: 0.5 to 41.0 cm / 0.2 to 16.1in PDF417: 6.7 mils: 0.5 to 21.0 cm / 0.2 to 8.3 in QR Code: 20 mils: 0 to 37.0 cm / 0 to 14.6 in QW2500: Code 39: 5 mils: 0.5 to 23.0 cm / 0.2 to 9.0 in Code 39: 10 mils: 0.5 to 37.0 cm / 0.2 to 14.5 in Data Matrix: 10 mils: 1.0 to 15.5 cm / 0.39 to 6.1 in EAN/UPCA: 13 mils: 1.0 to 40.0 cm / 0.39 to 15.7 in PDF417: 6.7 mils: 0.5 to 13.5 cm / 0.2 to 5.3 in QR Code: 20 mils: 1.0 to 33.0 cm / 0.39 to 12.9 in

UTILITIES	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge
OPOS JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge
Remote Host Download	Remote Host Download lowers service costs and improves operations.
WARRANTY	
Warranty	5-Year Factory Warranty

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