Product Description

Product Bulletin: 14th April, 2025 | **Expected General Availability:** Q2/Q3 based on model
Product: PowerScan 9600 RFID | **Expected Public Announcement:** 17th April, 2025

POWERSCAN™ 9600 RFID SERIES

REDEFINING OPERATIONAL EFFICIENCY WITH THE FIRST BARCODE AND RFID INDUSTRIAL SCANNER



OVERVIEW

Datalogic is pleased to announce the availability of the new **PowerScan 9600 RFID Series**, the **first rugged hybrid** handheld scanner in the market. The industrial handheld scanner with standard 1D/2D barcodes, OCR, and UHF RFID tags reading capabilities can address Retail, T&L, and Manufacturing applications, providing the following benefits:

- Increased productivity thanks to a super-reliable device with extreme ruggedness, allowing to read **both UHF RFID tags and standard 1D/2D codes**
- **Future-proofed investment** with a single device capable of reading both barcodes and UHF RFID tags, to be ready for the adoption of RFID or to support the transition towards RFID technology
- Increased throughput and overall efficiency with best-in-class scanning performance
- An easy system integration with the native support of **retail and industrial standard communications**
- Extreme **flexibility and modularity** for the largest application coverage and optimized asset management
- The ability to monitor **battery status and scanner health** to allow **predictive maintenance**
- For Retail applications, **Loss prevention** and **error-free operations** thanks to **simultaneous RFID and label barcode reading** with **real-time feedback** to operators

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Product Description

The new PowerScan 9600 RFID is a **cordless** device with **Bluetooth** connectivity, equipped with a Standard Range or Document Capture scan engine for **barcode, OCR** reading and **color image capture**, and a reader chip based on Impinj E310 for **UHF Tags** reading. It will be available in two models:

- Cordless model (Standard Range scan engine)
- Cordless model with **16-key keypad and OLED display** (Document Capture scan engine)

The PowerScan 9600 RFID series embeds Datalogic's **Wireless Charging System**, based on inductive charging technology.

The plug-and-play architecture for the device interface of the PowerScan 9600 family makes it easily configurable between Serial, USB, Ethernet, EtherNet/IP or PROFINET, while protecting the customer's investment in the event of future changes to the communication setup.



TARGET INDUSTRY APPLICATIONS

INDUSTRY	SUB-INDUSTRY	BUSINESS PROCESSES / APPLICATIONS
Retail	Home Improvement	Checkout, Self Check-out, Inventory Management
T&L	Intralogistics, Warehouse, Distribution Center	Receiving/Picking, Inbound/Outbound, Order Fulfillment, Warehousing
Manufacturing	Automotive, Tires, General Manufacturing	Work in Progress (WIP), Traceability, Quality Control
Healthcare	Hospitals	Inventory Management, Traceability, Validation

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Product Description

TARGET APPLICATIONS AND USE CASES

1. INDUSTRY: Retail

SUB-INDUSTRY: Home Improvement



BUSINESS PROCESSES/APPLICATIONS

- Check-out
- Self Check-out
- Inventory management

KEY SELLING ARGUMENTS

- **RFID tags reading** solution for check-outs and self-check-outs to exploit all the advantages of RFID technology. **Hybrid reading** (both RFID tags and barcodes) to support more complex environments.
- **Loss prevention**: thefts and errors, including **Ticket Switching**, are minimized. It also offers an alternative to EAS systems against **Scan Avoidance.**
- **Improved inventory visibility**: RFID tags can help retrieve info such as components/ ingredients, expiration dates, and shelf stock levels, as well as analytics on how products are selling or whether they are understocked/overstocked. With the possibility of writing data on RFID tags, the returns management is simplified.
- **Simplify data acquisition**: with the color image sensor and the OCR capability, it is possible to collect data from ID cards, driving licenses, and more
- **Speed**: as aiming is not required and multiple tags reading is possible, this solution is much faster than traditional barcodes.
- **Ruggedness**: with IP65/IP67 sealings and 2,5m / 8,2ft drops resistance, the scanner can resist for long, even outdoors on rainy days.
- **Wireless charging** and **10 million hits trigger** eliminate device failures rooted in charging contacts and intense scanning.
- **Full alphanumeric keypad** for easy code quantity operations, combined with **OLED display** with improved contrast for better visibility indoors and outdoors.

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Product Description

CUSTOMER VALUE

- **Reduced cost** due to stolen or lost products
- **Long lifetime** thanks to the robust design
- **15% Lower TCO** thanks to wireless charging (vs traditional contacts)
- **Full life cycle resistance** thanks to 10 million hits trigger
- **Lower downtime** thanks to smart batteries and preventive maintenance

TARGET APPLICATIONS AND USE CASES

2. INDUSTRY: T&L
   SUB-INDUSTRY: Intralogistics, Warehouse, Distribution Center



BUSINESS PROCESSES/APPLICATIONS

- Receiving/Picking
- Inbound/Outbound
- Order Fulfillment
- Warehousing

KEY SELLING ARGUMENTS

- As opposed to barcodes, RFID tags can be programmed to **store large amounts of data** and to monitor **environmental factors** affecting the product such as the temperature. Moreover, **data can be updated** over time.
- Possibility to read only barcodes, only RFID tags, or **barcodes alongside RFID tags** to simultaneously accommodate traceability needs both with RFID tags and with printed labels.
- **Top performance** on label codes, even **damaged or distorted** codes for increased logistics capacity.

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Product Description

- **Exceptional robustness** for tough environments. The scanner can drop from a forklift without any risk of damage.
- Display and keypad model for **location and quantity manual input** as well as customized complex operations.
- Ability to capture **pictures** for damaged packages recording and **signature capture**.

CUSTOMER VALUE

- Maximum **flexibility** thanks to different reading modes
- Top scanning performance will **increase the throughput and overall productivity**
- Display allows users to receive **immediate feedback** on the scanned item **avoiding mistakes**
- **15% Lower TCO** thanks to wireless charging (vs contacts)
- **Lower downtime** thanks to smart batteries and preventive maintenance

TARGET APPLICATIONS AND USE CASES

3. INDUSTRY: Manufacturing
   SUB-INDUSTRY: Automotive, Tires, General Manufacturing




BUSINESS PROCESSES/APPLICATIONS

- Work in Progress (WIP)
- Traceability
- Quality control

KEY SELLING ARGUMENTS

- RFID tags guarantee **no damaged or unreadable labels**, increasing productivity and **reducing slowdown** compared to both barcode labels and DPM codes

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Product Description

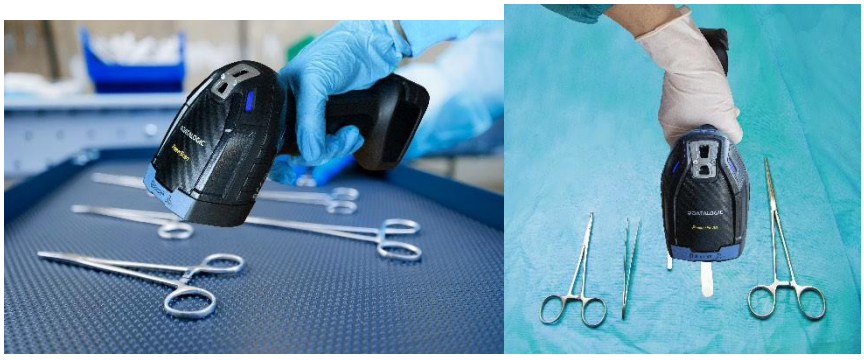
- RFID technology **increases durability** as RFID tags are **not subject to wear and tear**, as opposed to standard labels. It can also allow for scanning **multiple items at once.**
- **Hybrid device** to accommodate traceability needs both with RFID tags and with printed labels.
- **Embedded industrial connectivity**, thanks to the plug-and-play architecture which makes it easily configurable for integration with different systems.
- **Exceptional robustness** for tough environments like shop floors, thanks to IP65/IP67 sealings and 2,5m drops resistance
- Display and keypad model for **location and quantity manual input** as well as customized complex operations

CUSTOMER VALUE

- Waterproof and high drop resistance guarantees **reliable long-term operations** while protecting the end users' assets
- The embedded fieldbus guarantees **easy setup** and **no need for third-party devices**, avoiding any potential **risk of weak points** in the system
- **15% Lower TCO** thanks to wireless charging (vs traditional contacts)
- **Lower downtime** thanks to smart batteries and preventive maintenance

TARGET APPLICATIONS AND USE CASES

4. INDUSTRY: Healthcare
   SUB-INDUSTRY: Hospitals



BUSINESS PROCESSES/APPLICATIONS

- Inventory Management
- Traceability
- Validation

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Product Description



KEY SELLING ARGUMENTS

- Adopting RFID technology in Healthcare has proven benefits such as **reduced cost and time, reduced human resources, theft prevention, improved productivity, increased accuracy, and reduced errors** which will ultimately improve safety and patient satisfaction
- RFID can count several surgical tools at once, **reducing the time** needed for scanning, **avoiding double counts**, and guaranteeing a **good read** even with bloodstained tools



CUSTOMER VALUE

- For **Inventory Management**: RFID can make sure the right assets are available when and where they are needed
- For **Traceability**: RFID reduces the amount of time necessary to locate and track (both patients/visitors and devices/assets/medicines/consumables), simplifying all the processes
- For **Validation** (error prevention): RFID technology can reduce medical errors (patient identification) check productivity, and help construct necessary documentation for administrative and audit purposes

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Product Description

FEATURES AND BENEFITS

PRODUCT FEATURES	BENEFITS FOR CUSTOMER
Complete technology support for traceability: from 1D/2D to UHF RFID Tags, Documents, IDs, Postal Codes, OCR, Dotcodes, Digimarc	One device to read everything: maximum flexibility to read anything with a single device (traceability and beyond)
Read/Write RFID tags	Possibility to exploit all the benefits of RFID: tags durability, data encryption and security, large amount of data, increased productivity (faster reading, no aiming required vs barcodes), …
Image sensor	Allows to capture images of ID cards, driving licenses, and other documents
16-key keypad	Easy operation, such as code quantity and shelf location. Immediate monitoring of battery status. Visualization of messages from the host for fast feedback.
OLED display with selectable dark on white or white on dark backgrounds for better visibility	Immediate check of battery level, coverage, scanned items. No risk of mistakes for wrong items, increasing productivity
Ultra robust design and top-class sealing rate (IP65, IP67). Designed to resist more than 50 drops at 2,5m/8,2ft. Trigger tested for 10 million hits.	Reliable IT equipment improves a business's daily operations and productivity and guarantees reliable long-term operations while protecting the end users' investment.
Center of gravity design	The new scanner has a well-balanced weight reducing fatigue to the operator's wrist. The non-slip handle allows a secure grip and no interruptions for accidental slipping
Modular cradle design (also allows interface extension to corded devices)	The new modular concept of the cradle splits the base station functionality in battery charging and communication. The communication module can be used as an accessory for the cradle, allowing the extension of communication interfaces like Ethernet and industrial Ethernet. The base station without the interface plug-in and the communication modules are available separately to enable partners' and distributors' stock optimization.
Fieldbus natively supported	USB and RS-232 Multi-interface, Ethernet and Industrial Ethernet natively supported. Easy system integration.
Inductive, contactless charging technology	Battery contacts and pins often get dirty, bent, or broken over time. Wireless charging technology removes a key point of failure in Industrial and Retail functions.
Smart batteries and diagnostics	Smart batteries maximize charge efficiency and battery usage. Advanced diagnostics increase safety and lower operating costs.

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Product Description

BEST FEATURE 1: FUTURE-PROOF THE INVESTMENT WITH COMPLETE READING PERFORMANCE

From 1D/2D to UHF Tags, Documents, IDs, Postal Codes, OCR, Dotcodes, Digimarc

Benefit for the customer: One device to read anything.

Description: With a single device, the customer has maximum flexibility to read anything.

The PowerScan 9600 RFID can read from 1D/2D barcodes to RFID tags and OCR. In other words, the PowerScan 9600 RFID is a hybrid device which can support customers in any technology used for traceability (from printed labels to RFID tags). If the traceability technology is changed, the device can still be used throughout the life of the product.

Moreover, it can be employed to carry out some collateral activities such as age/ID verification.

BEST FEATURE 2: READ/WRITE RFID TAGS

Benefit for the customer: Possibility to exploit all the benefits of RFID

Description: RFID technology brings several benefits compared to printed barcodes.

- Tags durability is longer as they are not subject to wear and tear
- The amount of data stored in an RFID tag is much larger than the amount of data stored in barcode
- There is no need to aim, so reading is faster (i.e. increased productivity). Also, more than one code can be read at the same time.
- Data can be encrypted if necessary

SELLING AGAINST

Zebra – DS9908R



- General duty, corded-only device
- Double trigger
- IP52, multiple 1.2m/4 ft drops to concrete, 2000 0.5m/1.5ft tumbles
- 5 VDC only
- Presentation mode with automatic switch to handheld mode (62cm reading distance)

Key selling points against Zebra:

- More rugged (IP65, IP67 and 2.5 m / 8.2 ft drops vs IP42 and 1.2 m / 4.0 ft drops)
- Cordless device with wireless charging (vs corded)
- Longer RFID reading range (1 m / 39.4 in vs 45.7 cm / 18 in)
- Extended input voltage (5-30V vs 5V only)
- Large operating temperature (-20°C to 50°C vs 0°C to 50°C)
- Industrial connectivity

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Product Description

SELLING AGAINST

PRODUCT FEATURES	POWERSCAN 9600 RFID	ZEBRA DS9908R
Sensor	1280 x 800 px Dual camera with color sensor (specific model)	1280 x 800 px
Illumination	White LED, with adjustable Illumination brightness	2 645nm red LEDs
Aiming system	630 - 680 nm laser	Aiming pattern: circular 617 nm Amber LED
RFID power	Max 20 dBm	3-22 dBm
RFID read range	Up to 100cm/39.4in	45.7cm/18in
RFID frequency range	US: 902 MHz to 928 MHz EU: 865 - 868 MHz	US: 902 - 928 MHz EU: 865 - 868 MHz Japan: 916 - 923 MHz
IP Rating	IP67 and IP65; Cradle IP65 (specific model)	IP42
Drop Specification	Withstands 50 2.5 m / 8.2 ft drops to concrete	Withstands multiple 1.2 m / 4.0 ft drops to concrete
Operating Temperature	-20 to 50 °C / -4 to 122 °F	0 to 50 °C / 32 to 122 °F
Input Voltage	Host powered: 5V DC ± 5% or 10 - 30 VDC ± 5% Ext. power supply: 10-30 VDC ± 5% Ethernet POE	Host powered: 4.5-5.5 VDC Ext. power supply: 4.5-5.5 VDC

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Product Description

PRODUCT AVAILABILITY

PowerScan 9600 RFID models will be available for sale in **North America** and **Europe only**. Models for Europe will be released and announced in Q3 2025.

PART NUMBER	DESCRIPTION	GEO AVAILABILITY	WHEN
PBT9600-SRRFUS	PowerScan PBT9600, Bluetooth, Standard Range & RFID US	North America	April 28th, 2025
PBT9600-SRRFK10US	PowerScan PBT9600, Bluetooth, Standard Range & RFID US, USB kit	North America	April 28th, 2025
PBT9600-DKDCRFUS	PowerScan PBT9600, Bluetooth, Document Capture & RFID US, Display/16-key Keypad	North America	May 19th, 2025
PBT9600-DKDCRK10US	PowerScan PBT9600, Bluetooth, Document Capture & RFID US, Display/16-key Keypad, USB kit	North America	May 19th, 2025

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TRAINING INFORMATION

A training course will soon be available for the PowerScan 9600 RFID series within the Datalogic Academy, providing a self-paced, online training program, covering the functions, features, and competitive advantages of the PowerScan 9600 RFID readers.

Dedicated training sessions will be provided to Sales Representatives via webinars according to following calendar:

DATE	SESSION	TIME
April 14, 2025	Session A (Eng) North America/EMEA	5:00-6:00 PM (CEST-EMEA) 12:00-1:00 PM (EDT-AMERICAS)
April 16, 2025	Session B (Eng) North America/EMEA	5:00-6:00 PM (CEST-EMEAI) 12:00-1:00 PM (EDT-AMERICAS)
April 29, 2025	Session C (Eng) EMEA	9:00-10:00 AM (CEST-EMEAI)

EASEOFCARE CONTRACTS

PART NUMBER	DESCRIPTION	AVAILABILITY
ZSC1PM96RFID31	PM/BT96XXDPX, OVRNGHT, 3 YEARS, COMP	Available
ZSC1PM96RFID51	PM/BT96XXDPX, OVRNGHT, 5 YEARS, COMP	Available
ZSC1PM96RFIDR1	PM/BT96XXDPX, OVRNGHT, RENEWAL, COMP	Available
ZSC2PM96RFID3B	PM/BT96XXDPX, 2 DAYS, 3 YEARS, COMP, BAT	Available
ZSC2PM96RFID5B	PM/BT96XXDPX, 2 DAYS, 5 YEARS, COMP, BAT	Available
ZSC2PM96RFIDRB	PM/BT96XXDPX, 2 DAYS, RENEW, COMP, BAT	Available
ZSC2PM96RFID31	PM/BT96XXRFID, 2 DAYS, 3 YEARS, COMP	Available
ZSC2PM96RFID51	PM/BT96XXRFID, 2 DAYS, 5 YEARS, COMP	Available
ZSC2PM96RFIDR1	PM/BT96XXRFID, 2 DAYS, RENEWAL, COMP	Available
ZSC3PM96RFID31	PM/BT96XXRFID, 3 DAYS, 3 YEARS, COMP	Available
ZSC3PM96RFID51	PM/BT96XXRFID, 3 DAYS, 5 YEARS, COMP	Available
ZSC3PM96RFIDR1	PM/BT96XXRFID, 3 DAYS, RENEWAL, COMP	Available
ZSCFPM96RFID31	PM/BT96XXRFID, FLEXI, 3 YEARS, COMP	Available
ZSCFPM96RFID51	PM/BT96XXRFID, FLEXI, 5 YEARS, COMP	Available
ZSCFPM96RFIDR1	PM/BT96XXRFID, FLEXI, RENEWAL, COMP	Available
ZSN5PM96RFID31	PM/BT96XXRFID, 5 DAYS, 3 YEARS	Available
ZSN5PM96RFID51	PM/BT96XXRFID, 5 DAYS, 5 YEARS	Available

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ZSN5PM96RFIDR1	PM/BT96XXRFID, 5 DAYS, RENEWAL	Available
ZSNFPM96RFID51	PM/BT96XXRFID, FLEXI, 5 YEARS	Available
ZSNFPM96RFIDR1	PM/BT96XXRFID, FLEXI, RENEWAL	Available

GET MORE INFORMATION

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