

# PowerScan™ 9600 RFID

See beyond  
the visible



# Target industries

The PowerScan 9600 RFID Series is the first rugged hybrid handheld scanner on the market. The industrial handheld scanner with standard 1D/2D barcodes, OCR, and UHF RFID tags reading capabilities can address Retail, T&L, Manufacturing, and Healthcare applications, increasing productivity and future-proofing the investment with a single device to support the transition towards RFID technology.



## Retail

The PowerScan 9600 RFID can be used in RFID-only or hybrid reading mode for check-outs and self-check-outs to allow Loss Prevention (ticket switching and scan avoidance), improved inventory visibility, and increased speed of operations. It can support the Return Management process to ensure original product matching and avoid fraudulent behavior.



## Transportation & Logistics

With the ability to read both RFID tags and barcodes, a display and keypad model for manual input and customized operations, as well as the ability to capture color pictures for damaged packages recording and signature capture, the PowerScan 9600 RFID is an efficient partner for the most complex environments.



## Manufacturing

The PowerScan 9600 RFID allows traceability through RFID tags, which guarantee no damaged or unreadable labels, increased productivity and reduced slowdown compared to both barcode labels and DPM codes.



## Healthcare

The PowerScan 9600 RFID counts several surgical tools at once, reducing the time needed for scanning, avoiding double counts, and guaranteeing a good read even with bloodstained tools.

# Highlights



## Cordless device with Bluetooth connectivity

The two models are equipped with Bluetooth 5.0 connectivity for fast data and image transmission, up to 100m from the base station



## Display and keypad

Display for immediate feedback of scanned items, host messages, battery level. Keypad for manual inputs



## Inductive, contactless charging technology

Wireless charging eliminates device failures rooted in charging contacts. This technology keeps workers productive and drastically reduces the Total Cost of Ownership



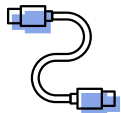
## RFID and barcode reading

It reads and writes UHF RFID tags up to 1 m/3.2 ft, as well as reads barcodes with superior performance



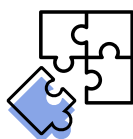
Standard Range & RFID

Document Capture & RFID



## Connectivity

USB and RS-232, Multi-interface, Ethernet and Industrial Ethernet embedded



## Modular connectivity

Exchangeable interface in the base station, with possibility to expand the system to maximize flexibility and future-proof the investment



## Ultra-robust design

Designed to resist more than 50 drops at 2.5 m / 8.2 ft, sealed to IP67 and IP65, 10M-hits trigger

Both models are compatible with all the accessories (including base stations) of PowerScan 9600 family

### Base Stations / Chargers



BC9620 Base station/charger USB only  
BC9630 Base station/charger Multi-Interface  
BC9631 Base station/charger Multi-Interface, IP65  
BC9680 Base station/charger Ethernet/Profinet  
BC9681 Base station/charger Ethernet/Profinet/ETH IP, IP65

### Battery



RBP-PM96 Removable battery

### Multi-Battery Charger



MC-P096-M2 Multi Battery Charger 2 slots  
MC-P096-M4 Multi Battery Charger 4 slots  
MC-P096-E2 Extension modules 2 slots

### Holder




HLD-P096 Desk/Wall Holder (HLD-9600)



# Technical Data


## READING MODES

**UHF RFID**




Specific reading indicator  
Blue led

**BARCODES**



Specific reading indicator  
Green Led and Green Spot

**RFID AND/OR BARCODES**



Specific reading indicator  
Purple Led and Green Spot

## CONFIGURABLE POWER



## TECHNICAL DATA

<b>RFID standard</b>	EPC UHF Class 1 Gen 2 (ISO 18000-6C)
<b>RFID frequency</b>	US: 902 MHz to 928 MHz EU: 865 MHz to 868 MHz
<b>RFID reading range</b>	Up to 1m / 3.2 ft (linear)
<b>Image sensor</b>	Standard Range: 1280 x 800 px Document Capture: dual 1280 x 800 px, with color sensor
<b>Barcode reading range (typical)</b>	Code 128 20 mil: up to 103 cm / 40.8 in DataMatrix 10 mil: up to 30 cm / 11.8 in EAN/UPC 13 mil: up to 67 cm / 26.5 in
<b>Resolution (max)</b>	1D codes: 3 mil, 2D codes: 6 mil
<b>Communication</b>	Bluetooth 5.0 Certified
<b>Interfaces</b>	RS-232 / USB / Ethernet and Industrial Protocols
<b>IP rating, drop resistance</b>	IP65 and IP67, Withstands 50 drops from 2.5 m / 8.2 ft @ 20 °C / 68 °F;
<b>Operating temperature</b>	-20 to 50 °C / -4 to 122 °F
<b>Battery</b>	Battery type: Lithium-Ion 3350 mAh Barcode reads per charge: up to 80,000 RFID-only reads per charge: up to 40,000 Charge time @ 12 VDC: 2.5 hours to charge up to 95%, 3.2 hours to charge 100%



# Meet PowerScan 9600 family

## WHEN TOP FLEXIBILITY MEETS EXTREME RELIABILITY



The PowerScan family of barcode readers is the ultimate industrial handheld scanners, designed and constructed to withstand the toughest environmental conditions.

The PowerScan 9600 scanners – available in corded or cordless models – are designed to enhance productivity and efficiency through best-in-class scanning performances and a reduced total solution cost.

The PowerScan 9600 complements Datalogic's leading range of industrial scanners, readers, data capture and process automation devices, which are enabling Industry 4.0 initiatives worldwide.

## MODELS AVAILABLE



### **POWERSCAN 9600 DPX SERIES**

For traceability of DPM and label-based codes



### **POWERSCAN 9600 AUTO RANGE SERIES**

Supports scanning from close range to long distance



### **POWERSCAN 9600 HIGH PERFORMANCE**

For high-resolution codes and light DPM applications



### **POWERSCAN 9600 DOCUMENT CAPTURE**

To scan barcodes and capture color images



### **POWERSCAN 9600 STANDARD RANGE**

To read standard barcodes



