

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 5.2 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



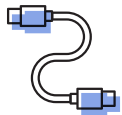
RFID and barcode reading

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



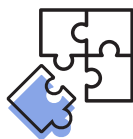
Standard Range & RFID

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

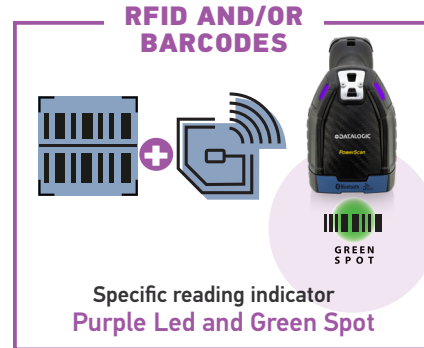
Holder



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

Technical Data

READING MODES



CONFIGURABLE POWER



Minimum 5 dBm



Maximum 20 dBm

TECHNICAL DATA

RFID standard	EPC UHF Class 1 Gen 2 (ISO 18000-6C)
RFID frequency	US: 902 MHz to 928 MHz EU: 865 MHz to 868 MHz
RFID reading range	Up to 1m / 3.2 ft (linear)
Image sensor	Standard Range: 1280 x 800 px Document Capture: dual 1280 x 800 px, with color sensor
Barcode reading range (typical)	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
Resolution (max)	1D codes: 3 mil, 2D codes: 6 mil
Communication	Bluetooth 5.2 Certified
Interfaces	RS-232 / USB / Ethernet and Industrial Protocols
IP rating, drop resistance	IP65 and IP67, Withstands 50 drops from 2.5 m / 8.2 ft @ 20 °C / 68 °F;
Operating temperature	-20 to 50 °C / -4 to 122 °F
Battery	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



