

Product Bulletin: PB20140916
Product: PowerScan™ PM9500
Business Unit: Handheld Scanning
Contact: Please contact your local Datalogic representative for more information

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INTRODUCING THE POWERSCAN™ PM9500 IMAGER WITH 16-KEYS

Overview

The PowerScan™ 9500 family of imagers represents the 2D handheld area imagers with rugged mechanics for industrial applications. Recently launched, the corded PD9500, the mobile PBT9500 with Bluetooth® wireless technology and the PM9500 with STAR 2.0 Cordless System™ have already demonstrated their value in the field. With the introduction of the PM9500-DK with a full 16-key keyboard, the family is now complete offering an unequalled variety of models to satisfy the most demanding of customers with a model perfectly suited for their application requirements.

The PM9500-DK is equipped with a mobile telephone-like keyboard with direct access to numbers, while the alphanumeric characters are managed through a shift key. In addition, the 4 function keys are also configurable with single or multiple characters to increase the product versatility and to make repetitive actions easier and faster.

The PM9500-DK model significantly increases the interaction with the host system and opens new potential uses:

- The ability to enter manually unreadable bar codes
- To insert data not encoded into a bar code (example: quantity)
- To easily manage interactive sessions with the application running on the remote host

Targeted Industry and Applications

The PowerScan PM9500-DK imager can be used in the same applications where the PowerScan PM9500 and PM9500D are successfully used.

In addition, the PM9500-DK imager provides new opportunities for applications that normally require a client-host configuration typical of portable data terminal. Simple code-quantity applications such as inventory, picking, etc. can be conveniently utilized.

- **Manufacturing/ Warehouse:**
Shipping and Receiving, order processing, parcel preparation, pallet tracking are easily managed by using the full keyboard in any warehouse



- **Retail / POS Checkout:**
Checkout throughput is further improved by the code/quantity capability
- **Transportation and Logistics / Warehouse**
In-and-out parcel sorting are all typical activities in all Logistic Centers
- **Transportation and Logistics / Postal**
Staff can key-in the digits of any bar code which cannot be scanned (example: once the consignments are wrapped in plastic film)
- **Transportation and Logistics / Airports**
As a back up plan to automated luggage sorting systems, the display and full keyboard contribute by avoiding any Interference with existing Wi-Fi systems to keep tight schedules on time.
- **Services / Events**
The PM9500-DK imager can be used throughout events for fast ticket verification: Ease of use, Two-way communication, Display and full keyboard, Robustness, High Reading Performance on mobile phones are all features that make this imager the perfect solution for fast and efficient management of people and tasks.

Main Features in Commonality with the PowerScan™ 9500 Family

The PM9500-DK imager shares the same distinctive features of the recently announced PM9500 imager, but with the addition of a 16-Key model.

Liquid Lens Optic

The PowerScan PM9500-DK imager is equipped with the new outstanding High Performance Liquid Lens which allows the imager to adapt the focus at different distances. All-in-one scanner is able to read Standard / High Density / Wide bar codes.

Datalogic's STAR2.0 Cordless System™

The Datalogic STAR2.0 Cordless System provides the user with: Higher Speed, Wider Radio Range, Built-in MAC Address and Frequency Agility / Channeling.



Backwards Compatibility

Mechanics/Electrical systems work together with Radio Communication compatibility to integrate the new PM9500-DK imager into existing applications.

Aiming

To allow intuitive usage and fast operation, the aiming pattern includes a central cross, four dots in the corners and four segments that clearly identify the captured area.



Ease of Use

The PM9500-DK imagers offer the 3GL™ (Three Green Lights) technology, a combination of Datalogic's patented 'Green Spot' technology and dual good-read LED's.



Soft-pulsed white illumination light offers better reading performance while reducing the operator's fatigue during scan-intensive applications.

In-field replaceable scanning window will simplify operations and reduce down time.

3-Second battery replacement also reduces down time.



Features and Benefits

PRODUCT FEATURES	CUSTOMER BENEFITS
Graphic Display and full 16-Key Keyboard	Does not require client-host configuration typical of portable data terminals
Liquid Lens: High Density, Wide Angle and Long Depth-of-field in one Unit	<ul style="list-style-type: none"> Versatility of use: one model for all applications Reduces backroom stock for partners; investment protection for end users
New Intuitive Aimer	<ul style="list-style-type: none"> Ease of use and intuitiveness Speeds up operations and increases efficiency
Soft White LED Illumination	Reduced flashes; more gentle on the eyes and less troublesome to the operator during scan-intensive applications
Datalogic's Patented 'Green Spot' technology and Double Good-Read LEDs	Provides reliable 'good-read' visual confirmation in any condition
Datalogic STAR2.0 Cordless System Radio	Proprietary radio specifically developed to fully satisfy the need of data collection without interference with Wi-Fi and Bluetooth® systems
Channeling	Avoid interference with other devices working in the same radio range
Backwards compatibility	Smooth transition between Datalogic's STAR2.0 and STAR Cordless Systems
Long Lasting Batteries	Improve efficiency allowing more than one shift of intense usage
Three Seconds to Replace the Battery	Improve efficiency in multiple shift applications
In-field Replaceable Window	Simplifies operations, reducing down time → Lower TCO
Co-molded Rubber and Robust Plastic Case: 2.0 m / 6.6 ft Drop Resistance for all Models	<ul style="list-style-type: none"> Protects the scanner against shocks and abuse Resistance to multiple drops, strong shocks, repetitive tumbles Prevents the scanner from slipping off the counter Improves reliability and reduces the TCO
Recessed Reading Window	Protects against drops and scratching: Enhanced durability → Lower TCO
Environmental Sealing Rating: IP65	<ul style="list-style-type: none"> Protects optical components from dust and water contamination in dirty environments Higher reliability and lower TCO

Ordering Information

433 MHz MODEL

PART NUMBER	DESCRIPTION
PM9500-DKHP433RB	PowerScan PM9500/DK HP 433 MHz RB (high performance/liquid lens, removable battery, PC-9000 Protective case Belt Holster, HLD-P080 Desk/Wall Holder)

910 MHz MODEL

PART NUMBER	DESCRIPTION
PM9500-DKHP910RB	PowerScan PM9500/DK HP 910 MHz RB (high performance/liquid lens, removable battery, PC-9000 Protective case Belt Holster, HLD-P080 Desk/Wall Holder)



Accessories

The PowerScan PM9500-DK area imagers share the same cradles, accessories and cables which are currently available for the PM9500. The table below lists the available part numbers.

CRADLES 433 MHz / 910 MHz

PART NUMBER	DESCRIPTION
BC9030-433	BC9030 BASE/CHARGER 433 MHZ M-INT
BC9130-433	BC9130 BASE/DUAL CHARGER 433 MHZ M-INT
BC9160-433	BC9160 BASE/DUAL CHARGER 433 MHZ M-INT/RS
BC9030-910	BC9030 BASE/CHARGER 910 MHZ M-INT
BC9130-910	BC9130 BASE/DUAL CHARGER 910 MHZ M-INT
BC9160-910	BC9160 BASE/DUAL CHARGER 910 MHZ M-INT/RS

CABLES

INTERFACE	PART NUMBER	DESCRIPTION
RS-232	CAB-433	Cable, RS-232 PWR, 9P, Female, Straight, CAB-433, 6 ft
RS-232	CAB-434	Cable, RS-232 PWR, 9P, Female, Coiled, CAB-434, 8 ft
RS-232	CAB-448	Cable, RS-232 E/P, 9P, Female, Straight 6 ft
RS-232	CAB-456	Cable, RS-232, 9P, Male, Coiled, 3.6 m
RS-232	CAB-459	Cable, RS-232 PWR, 9P, Female, Coiled, 3.6 m
RS-232	CAB-461	Cable, RS 10RJ M MAG AUX 12'
RS-232	CAB-471	Cable, RS-232, 25P, Female, Coiled, CAB-471, 10 ft
RS-232	CAB-472	Cable, RS-232, 25P, Male, Coiled, CAB-472, 10 ft
RS-232	CAB-474	Cable, RS-232 PWR, 25P, Female, Coiled, 3.6 m
RS-232	CAB-477	Cable, RS-232 PWR, 25P, Female, Coiled, 7.6 m
RS-232	CAB-479	Cable, RS-232, 9D, Female, POT, Coiled, 25 ft
RS-232	CAB-501	Cable, RS-232 PWR, 9P, Female, Straight, 3.2 m
RS-232	CAB-509	Cable, RS-232, 25P, Male, CBX800, Ext. Power, Coil, 12 ft
RS-232	CAB-512	Cable, RS-232, 25P, Male, CBX800, POT, Coiled, 12 ft
USB	CAB-438	Cable, USB, Type A, Straight, CAB-438, 6.5 ft
USB	CAB-465	Cable, USB, Type A, Straight, 3.6 m, CAB-465
USB	CAB-467	Cable, USB, Type A, Coiled, 3.6 m, CAB-467, 12 ft
USB	CAB-524	Cable, USB, Type A, Coiled, POT, CAB-524, 8 ft
KBW	CAB-436	Cable, KBW, PS/2, Straight, CAB-436, 6 ft
KBW	CAB-437	Cable, KBW, PS/2, Coiled, CAB-437, 9 ft
KBW	CAB-462	Cable, KBW, PS/2, PWR, Coiled 3.6 m
KBW	CAB-463	Cable, KBW, PS/2, Laptop, Coiled, 3.6 m
KBW	CAB-485	Cable, KBW 3151, 347x, 378x, Coiled, CAB-485, 11 ft



POWER SUPPLY

TYPE	PART NUMBER	DESCRIPTION
Power Supply	8-0935	Power Adaptor, AC/DC Regulated, RoHS
Power Cord	6003-0941	Power Cord, 110V, US, Standard
Power Cord	6003-0925	Power Cord, 220V, Australia
Power Cord	6003-0925	Power Cord, 220V, Italy/Chile
Power Cord	6003-0923	Power Cord, 240V, UK
Power Cord	6003-0940	Power Cord, AC, IEC/EU
Power Cord	6003-0926	Power Cord, IEC C13, Argentina
Wall Mount Adapter	6003-0936	Adapter, Power Plug, US/Japan
Wall Mount Adapter	6003-0937	Adapter, Power Plug, Euro
Wall Mount Adapter	6003-0938	Adapter, Power Plug, UK
Wall Mount Adapter	6003-0939	Adapter, Power Plug, Australia

OTHER ACCESSORIES

TYPE	PART NUMBER	DESCRIPTION
Stand	STD-P090	STAND,HANDS-FREE,STD-9000
Holder	HLD-P080	HLD-8000 Desk/Wall Holder
Univ. Holder	HLS-P080	HLS-8000 Universal Holster
Vehicle Holder	VMK-P090	VMK-9000 VEHICLE MOUNT KIT
Take-up Reel	7-0404	Industrial Take-up Reel
Protective Case	PC-P090	PC-9000 PROT.CASE/BELT HOLSTER
Battery pack	RBP-PM90	BATTERY PACK, REMOVALE, RBP-9000
Battery pack	FBP-PM90	BATTERY PACK, FIXED, FBP-9000
Single Charger	CHR-P090	BATTERY CHARGER, C-9000
Multiple Charger	MC-P090	MC-9000, Battery Charger, 4-SLOTS
Spare Scanner	RWD-P090-PL	REPLACEABLE WINDOW, RWB-9000, PLASTIC
Spare Cradle	RC-P090	REPLACEABLE CRADLE CONTACTS, RC-9000

Critical Dates

PART NUMBER	GENERAL AVAILABILITY	PUBLIC ANNOUNCEMENT
PM9500-DKHP433RB	September 22, 2014	September 22, 2014
PM9500-DKHP910RB	September 22, 2014	September 22, 2014



Marketing Communications Materials

Datalogic ADC will provide a variety of materials to support sales and marketing efforts. Marketing materials will be available on Datalogic's EASEOFACCESS Partner Extranet to coincide with the release of the Product Bulletin.

Materials will include an update of the PowerScan 9500 family materials:

- Data Sheets PowerScan (8 languages)
- Marketing Information Guide (MIG)
- Competitive Selling Guide
- PowerPoint Presentation
- HTML Mailers
- Direct Mail Templates (for partners)
- Product Photography
- Web Banners

We are also pleased to inform you that a new video of the PowerScan 9500 family will soon be available.

Training Information

An updated Datalogic Training Center course for the PowerScan 9500 Series (including the PM9500-DK) will soon be available. The Training Center provides a self-paced, online training program, covering the functions, features and competitive advantages of the PowerScan 9500 Series. To register or access the Training Center:

<http://training.datalogic.com>.

If you're not yet registered for Training Center access, please send an email to: training@datalogic.com to receive an activation code. The PowerScan 9500 Series course will be available online in September, 2014.

For More Information

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