



## PowerScan PD9530 High Performance 5VDC, USB Kit (Kit inc. Scanner and Cable CAB-524.)

The Datalogic PowerScan 9530 is a cable reader with improved code reader technology for improved visibility, user-friendly and high IP65 industry protection.

Warehouses, logistic centers and manufacturing plants depend on speed and reliability when managing goods and tracking merchandise in order to improve efficiency while reducing costs. Datalogic's PowerScan™ PD9530 area imager, the latest generation of rugged 2D area imagers, is the perfect answer for these applications.



An intuitive and effortless scanning experience is the target of the PowerScan™ 9500 family. It combines omnidirectional reading capabilities, which is typical in all area imaging scanners, 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, the PowerScan PD9530 area imager includes Datalogic's latest decoding software that guarantees snappy reading in any type of environment. Aim, trigger, decode: it is that simple!

User comfort is guaranteed because of the scanner ergonomics, consisting of the handle shape, a well-balanced weight and an intuitive aiming system, allowing the highest first-pass reading rate while reducing unnatural wrist movement or rotation which can tire any user during long shifts. Additionally, the PowerScan 9530 area imager uses a soft-pulsed white illumination light resulting in reduced flashes, which is very gentle on the eyes and less troublesome to the operator during scan-intensive applications.

The PowerScan PD9530 area imager is available in 2 different models to meet the specific needs of each customer. The PD9530-HP (High Performance) model is more versatile because of the advanced optics that combine high resolution bar code reading capability (up to 2.5 mils for linear codes) and wide angle image capture (A4 image size @ 25.0 cm / 0.8 ft), while maintaining an exceptional depth-of-field.

### Key features:

- Snappy omnidirectional reading from contact to over 1 m
- Datalogic's new instinctive 'fraime' aimer
- New 'soft white light' illumination
- Datalogic's 3GL™ technology and loud beeper for good read feedback
- Datalogic's Motionix™ motion-sensing technology
- Water and Particulate Sealing Rating: IP65



# Technical Description

## Functionality & Operation

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| Communication interface  | USB                                                                                                   |
| 1D Barcode Symbolologies | All standard one-dimension barcodes, UPCA, UPCE                                                       |
| 2D Code Symbolologies    | Aztec, Data Matrix, MaxiCode, Micro QR Code, QR code, MicroPDF417, PDF417, GS1 DataBar Composite Code |

## Optical

|                         |                      |
|-------------------------|----------------------|
| Depth of scan field     | 2 - 110 cm           |
| Bar code scanner        | 2D Imager            |
| Maximal skew angle      | 40°                  |
| Maximal pitch angle     | 40°                  |
| Resolution              | 2,5 mil 1D, 4 mil 2D |
| Minimum symbol contrast | 15%                  |

## Electrical

|                               |             |
|-------------------------------|-------------|
| Power Consumption - Operation | 335mA       |
| Power Source                  | +5 VDC ±10% |
| Power Consumption - Standby   | 180mA       |

## Mechanical

|            |                                          |
|------------|------------------------------------------|
| Dimensions | Width: 212mm, Height: 110mm Length: 74mm |
| Weight     | 330g                                     |

## Environment

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Maximal ambient light               | 100000lux                                          |
| Storage temperature                 | -40 to 70°C                                        |
| Operating temperature               | -20 to 50°C                                        |
| Ingress protection                  | IP65                                               |
| Electrical static discharge         | ±20kV air                                          |
| Operating humidity (non-condensing) | 0 to 95%                                           |
| Shock resistance                    | Withstands 50 drops from 2 m onto concrete surface |

## Others

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Bundled Accessories | Charging and Communication Cradle                     |
| Certifications      | CE, FCC, RoHS, IEC 60925-1: Class 2, IEC 62471 Exempt |

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