

## Welcome

Dear partners,

The summer 2011 comes to an end, thus we will embellish you the autumn and winter time with many news and special offers about our products.

We will introduce our new Matrix210™ which can feature performances in the 2D segment.  
You will be convinced in any case!

We also welcome the fact that Ms. Karin Gangnus will strengthen our team in the sales department from now on.

With best regards,

Datasensor GmbH  
NEWSLETTER-TEAM

## Matrix 210™ 2D Imager

### Matrix 210™: 2D Imager extrem reading performance



Matrix 210™ is the new Datalogic 2D reader offering extreme reading performance and integrated Ethernet in a ultra-compact housing. Thanks to the WVGA image sensor, capturing up to 60 frames per second and to the powerful internal illuminator, Matrix 210™ offer extreme dynamic reading capability. The unrivalled decoding libraries running on the new high speed hardware platform deliver superior reading robustness and impressive decoding rates, supporting high system throughput and so improving efficiency of productions. The on-board Ethernet makes effective the transfer of both reading data and captured images, that can be easily and quickly uploaded on external PCs or servers, simply for storage or also for offline process analysis. Compactness and straight - 90° reading window allow a perfect contact reading capability and a simple mechanical integration into narrow spaces. Installation and maintenance are extremely easy thanks to the X-PRESS™ Interface with five LED bar graph and the multi-function key for immediate access to relevant functions such as Aiming, Setup, Automatic Learning, Test Mode. The Green Spot - projected onto the scanned object – provides an easy and real-time feedback of the reading status without any additional supervisory softwares.



DATASENSOR - *Your Vision... our target!*

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## New colleague

### Marketing- and Sales-Assistant

Dear ladies and gentlemen,

Herewith we would like to inform you that from now on our new colleague **Ms. Karin Gangnus** will support and strengthen our Sales department in the sector „Marketing and Distribution“.

You can reach Ms. Karin Gangnus to all matters relating to the "Marketing and Sales" at:

Phone: +49 (0) 8024 / 90277-10  
Fax: +49 (0) 8024 / 90277-99  
Mail: [kgangnus@datasensor.de](mailto:kgangnus@datasensor.de)

With best regard,

Martin Manns  
Marketing/ Sales

## AS1 crossed-beam

### AS1 Series: crossed-beam area sensor

The photoelectric light grids of the AS1 series are crossed-beam area sensors able to detect all objects, with even 0.2mm thickness, inside a 100mm height, over operating distances reaching 3m between emitter and receiver. The AS1 area sensors represent the ideal solution for the detection of very small objects, even when passing in different positions inside the controlled height and width. Versions with trimmer adjustment and optic synchronism between emitter and receiver unit are available.

#### Features and Benefits

- Crossed beam: high detection reliability and resolution
- Trimmer version: fast and easy setting procedure
- Optical synchronism: to speed up the connection and alignment procedures
- 3m operating range: suitable practically for all the industrial applications



## S10: Stainless Steel

### S10 Serie: IP69K

The tubular S10 series is a vast photoelectric sensor line offering through beam, proximity and retroreflex polarized optic functions, available with LED emission and axial optics, 2m cable or M12 4-pole connection in metal housing. Also available in stainless steel AISI316L housing with IP69K mechanical protection suitable for food applications, DC version 3 wires: PNP or NPN, DARK or LIGHT mode.

#### Features and Benefits

- Metal housing: excellent reliability under harsh use conditions
- IP69K mechanical protection: excellent reliability under harsh use conditions or in case of washing with high pressure water jets
- Stainless steel AISI916L: suitable to all food industry requirements



## S6 Serie „Compact“

### S6 Serie: Compact-Sensors



The compact S6 photoelectric sensor series, thanks to the excellent detection performances and the variety of power supply and connection possibilities, offers the most complete universal sensor range in the compact 50x50 mm housing. The operating distance can be set to the optimal value in each model: 2m diffuse proximity, 25 or 50cm background suppression, 5m polarized retro-reflex, 1m retroreflex versions for transparent objects and 20m through beam. The free voltage versions have a relay output and cable connection, the versions with 10-30Vdc power supply present cable or M12 4-pole connection.

## SG4 Body Big Base

### SG4 Serie: Body Big Base



The new SG4 BODY BIG safety light curtain series thanks to its new housing together with the innovative design optical-electronic platform ensures the performance of high-level safety light curtain required in the material handling market. BASE version represents the ideal product for all applications where Muting function is not required but EDM, MANUAL/AUTOMATIC restart and operating distance up to 60m are fundamental.

#### Features and Benefits

- Big sturdy profile for heavy duties: 52x56 mm (2,08x2,24 in)
- 3 different types of mounting brackets (SWIVELLING SIDE for "THIN MOUNTING", TOP-BOTTOM ROTATING and REAR)
- Simple and fast mounting, cabling and configuration
- User interface : 4 or 2 LEDs + 7 SEGMENT DISPLAY
- Operating distance up to 60 m
- 2, 3, 4 beams with 500, 800, 900 and 1200mm controlled LONG RANGE model 40mm resolution for hand protection

## PowerScan PM8500

### Hand Held Reader: PowerScan PM8500

The PowerScan PM8500 reader's feature a high-resolution Mega-Pixel imaging sensor that is capable of outstanding performance in industrial applications. It is offered in three optic models: Standard Range and High Density models are for typical bar code reading conditions (for medium and high-resolution codes respectively); the Wide Angle model offers a wider field of view allowing the capture of larger and longer codes. The Datalogic STAR Cordless System for narrow band radio communications provides the key to increased productivity and flexibility in the workplace. It offers scalable solutions from simple point-to-point applications to networking capabilities. An optional display with a 3-key keypad provides useful information to the operator like time and battery status and enables interaction with the host. The high capacity Lithium-Ion battery can be replaced in few seconds and charged on the cradle as well on a separate multi-battery charger.



## Imprint

#### You can contact us:

Mo. - Thu. 08:00 - 17:00 Uhr  
Fr. 08:00 - 15:30 Uhr

Phone: +49 8024 / 90 277-0  
Fax: +49 8024 / 90 277-99  
E-Mail: [info@datasensor.de](mailto:info@datasensor.de)  
Web: [www.datasensor.de](http://www.datasensor.de)

Address:  
Datasensor GmbH  
Tegernseer Str. 75  
D - 83624 Otterfing

General manager: Gerhard Manns  
Register court: Gerichtsstand München

Register number: HRB-Nr. 130 681  
VAT-ID No.: DE 812 868 945