

Solutions

BHS (BAGGAGE HANDLING SYSTEM)

Datalogic is one of the leaders when it comes to Baggage Handling System (BHS) solutions. There is a complete range of readers, scanners, and RFID-based solutions to cover every technological need. The modular design of Datalogic products allows for easy customization, for both software and hardware. For instance, in scenarios where reduced clearance is required, Datalogic provides specific accessories to ensure short-distance reading is handled with ease. This is just one of many examples of airport-specific solutions provided by Datalogic. Others include check-in counters, baggage arrival tracking, and baggage reconciliation.



LASER TECHNOLOGY
Cost effective, represents a good price/performance ratio with satisfactory reading rate level especially for baggage after check-in. Compliant to IATA 1740A recommended practice.

RFID TECHNOLOGY
The highest possible reading rate even when label is not optically visible. RFID is handled as a subsystem that can be added to any of our Laser or Imaging Based Solutions. Compliant to IATA 1740C recommended practice.

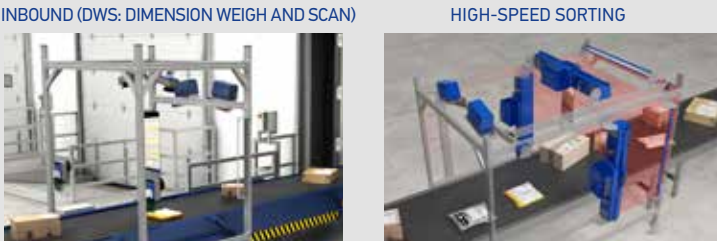
MFDS (MASS FLOW DETECTION SYSTEM)

MFDS (MassFlowDetectionSystem) is an advanced solution that enables automated data collection for non-conveyable parcels. In the 'non-conveyable' parcel sector, large items have increased significantly even more than traditional parcels, moreover, are subject to manual treatment, creating a labor-intensive process. MFDS increases the process efficiency by automating 4 operations:

- DETECT items even touching or running side by side on large conveyor belts (up to 1.5 m)
- DIMENSION items, either regular or irregular shaped, providing measurements
- DECODE barcode information on labels and merge it to the respective item
- DEPICT items by capturing and saving respective images

PARCEL IDENTIFICATION

The process of shipping and managing freight expenses is now dependent on the weight of the freight and the space it occupies. Determining these characteristics and associating them with an order or shipment is essential to maximize shipping economy. Datalogic Dimension Weigh Scan systems provide a complete solution of dimensioners, scales, and barcode readers, to provide certified parcel profiles. The system integrates the barcode, weight and dimension data into a single message that can be used for sortation and verification.



Unloaded parcels are dimensioned and weighted; thousands of parcels are automatically handled and classified based on dimensions and weight. The captured data can be used for quality checks or storage optimization. The DM3610 in combination with the AV900 is the perfect solution. Inbound areas are also dedicated to returned items that are traced and positioned into the warehouse, once accepted by the quality check process.

TIRE TRACEABILITY

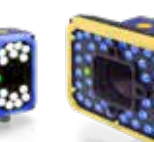
The first-in-class solution to address demanding tire tracking and traceability applications, offering tire manufacturers complete traceability in all demanding applications along the tire production chain.

PERFORMANCE EXCELLENCE
STS320 delivers outstanding reading performance at the best price/performance ratio because of a superior 2MP sensor (1920 x 1080 pixels 16:9) combined with a powerful dual core processor. In a very compact solution, STS320 achieves an extra-large Field of View (FOV) up to 1250 mm (49") for large conveyor coverage and a high Depth of Field (DOF) even on high resolution codes of 0.25 mm (10 mils) for extreme application flexibility. STS320 works with conveyor speed up to 1.5 m/s and with reduced minimum gap among tires allowing an increase in overall productivity.

EASY & QUICK INSTALLATION
The STS320 is an out-of-the-box solution fully pre-assembled, pre-configured and validated in the factory. Together with the self-contained, compact mechanical layout, it makes product handling extremely easy and dramatically reduces installation time. The product configuration is improved by the state-of-the-art DL CODE™ software common to all Matrix series. The usability is enhanced and simplified by the new cross projection integrated aiming system, 'Green Spot' technology, and the X-Press HMI.

NEW INTUITIVE DIAGNOSTICS
The STS320 performance analysis is boosted by a new web interface and by the new web Mosaic view that allows the monitoring of all the readers at a glance for easy setup and monitoring through a complete suite of remote diagnostics. The new run-time unreadable code detection identifies the presence of damaged labels and the live high-speed image-saving based on the new generation FTP file transfer collects the information for post processing quality analysis aiming to optimize productivity. Performance diagnostics are intuitive and magnified from a distance because of the innovative configurable 360-degree multi-color read feedback for ease of use and operation.

EASY INTEGRATION, MAINTAINANCE AND USE FOR A REDUCED TOTAL COST OF OWNERSHIP
The STS320 is simple to fit and to integrate with its full industrial connectivity, compactness, and top industrial grade. Each single reader replacement is quick and easy for reduced system downtime. The new web Device Discovery simplifies the access and monitoring of all readers in the network. The software safe installation allows safe installation of the STS320 in the most demanding environment (during production). Its undisputed robustness offers unrivalled long-term reliability and life cycle, minimum wear and tear. The STS320 embodies the full set of application requirements of the Tire Industry that makes it the best solution, once again confirming Datalogic's leadership in the market.

AIRPORT									
STATIONARY INDUSTRIAL SCANNERS	SENSORS		GUIDANCE						
 DS8110/DX8210	 AV500/AV900	 S5N	 S65/S85	 CR/CX/DS	 LGS-N25/A10				
LOGISTIC AUTOMATION									
STATIONARY INDUSTRIAL SCANNERS			MACHINE VISION						
 MATRIX 320™	 DS8110/DX8210	 DM 3610	 AV500/AV900	 AV7000™ 12K	 SC5100	 MX-E	 MX-G2000		
SENSORS			SAFETY		GUIDANCE				
 S5N	 S65/S85	 CR/CX/DS	 DS4	 SH4	 SLS	 LGS-N25/A10	 LGS-N50		
INTRALOGISTICS / AMH / PALLETIZING / WAREHOUSE / AGV									
STATIONARY INDUSTRIAL SCANNERS			MACHINE VISION						
 MATRIX 320™	 BLADE	 DS5100	 AV500/AV900	 P2X	 P3X	 MX-E	 MX-G2000		
SENSORS			SAFETY		GUIDANCE				
 S100	 S3N	 S65/S85	 CR/CX/DS	 DS4	 SH4 ACTIVE/PASSIVE	 SLS	 LGS-N25/A10	 LGS-N50	
FACTORY AUTOMATION (SHOPFLOOR) - MANUFACTURING & PACKAGING MACHINERY									
STATIONARY INDUSTRIAL SCANNERS			MACHINE VISION						
 MATRIX 120™	 MATRIX 220™	 MATRIX 320™	 P2X	 P3X	 MX-E	 MX-G2000			
HOSPITALS-LABS AUTOMATION									
STATIONARY INDUSTRIAL SCANNERS			MACHINE VISION						
 INDUCTIVE SENSORS ø3-ø6.5 / M8-M30	 S5N	 Small/S3N	 S8	 S62	 SR23	 TL46	 SMART-VS	 UF/UK/UQ/UT	 CR/CX/DS
SAFETY			LASER MARKING						
 SL2/4	 SH4	 S64-H	 SLS	 UniQ™ SERIES	 AREX 400 SERIES	 EOX SERIES			
HOSPITALS-LABS AUTOMATION									

Software Solutions

WebSentinel™ PLUS

WebSentinel Plus is a supervisory software solution for monitoring operational activities of reading devices through a single web browser based interface. It collects data from scan points over Ethernet network, and presents the information flow as visual onscreen information. It also stores this information in a database and, periodically or on demand, produces performance, diagnostic, and tracking reports. WebSentinel Plus provides visibility to enterprise controlled automated systems from a high level view of the each connected facilities down to a detailed view of any specific barcode reader device.

WebSentinel™ PLUS INVESTIGATOR

INVESTIGATOR is an upgrade to the WebSentinel Plus image analysis, obtaining data (including images) for Datalogic Industrial Barcode Readers based on imaging technology such as the AV and Matrix series. With INVESTIGATOR, it is now possible to extract value from the data (decoding process results and images), enabling the Collect-Analyze-Prevent cycle which helps keeping Auto-ID performances at the top. In particular, 'No Read' image analysis will provide automated recognition of the main 'No Read' root cause (no label, damaged label, obscured label, etc.).

Lighter MARVIS

Lighter Suite is the all-inclusive editing and laser management software for all Datalogic Laser Marking products. Lighter Suite with its innovative approach focused on the user experience is revolutionizing Laser Marking management: the powerful and simple interface, the flexible and comprehensive customization capabilities and effective production tools represent an important step-ahead in traceability and branding industrial applications. LIGHTER Suite combines into an unified GUI (Graphical User Interface) a powerful vectorial graphical editor, an advanced laser controller and the innovative MARVIS™ (Mark Read Verily Integrated Solution) feature to seamlessly interact with AutoID code reader for in-line validation of marked traceability codes. MARVIS connects any Datalogic MATRIX N-series reader with any laser marker, enabling controlling from one single interface and enhancing individual products' performances.

Deep-learning Software

A state of the art software solution for industrial visual inspection and quality assurance based on proprietary advanced deep-learning algorithms and neural networks. PEKAT VISION very effectively finds anomalies, detects and classifies defects and checks surface on materials and objects. Thanks to AI and focused-learning algorithms, it has a unique feature of detecting even previously unseen defects.



EASEOFCARE Service Programs

Service Programs can be easily ordered at the time of product purchase guaranteeing that units are covered 'out-of-the-box', eliminating wasted time with product registration or subsequent order processing. Maintenance coverage provides you with access to Datalogic's Support Team for easy product returns. You can also use the convenient on-line RMA web service for processing and managing returns, or you can contact the Datalogic Support Desk directly. The EASEOFCARE EASEOFCare Service Programs provide you with the right choice to meet your service expectations. We have developed a portfolio of specific services per product family to meet different customer needs. If total cost of ownership is critical for expense management, you can purchase multiple years of Service Programs at very economical prices for both SIS and LM equipment. A variety of service programs are available to match your business requirements. The EaseOfCare EASEOFCARE Service Programs are managed by Datalogic, the same company that designed and manufactured your products, ensuring that you get the best service to protect your technology investment.

For Laser Marking family, the Overnight Replacement Comprehensive with Courtesy Unit program offers a replacement unit while the fault is being repaired so as to minimize business interruption and consequent loss of income. If serial number integrity is important for asset tracking, the 2-day If reduced productivity is not an issue, you have a back-up pool and can wait for a longer repair time but want immediate monetary savings, the 10-day Comprehensive programs that includes the accidental damages are the best option. For SIS family, the Overnight Replacement Comprehensive program offers 'next business day product replacement' to minimize any downtime. If serial number integrity is important for asset tracking, the 5-day comprehensive program provides rapid repair turnaround time of the same unit and covers accidental breakage. While, the warranty extension programs, thus upgrading the embedded warranty, offer 3-Year or 5-Year coverage of factory warranty, with 5-day or 10-day turnaround time.

EASEOFBUILD
Personalized solution design and installation
We work with you to design an installation that works best for your workflow and timing. Datalogic-trained technicians carefully install, configure and commission your solution to ensure optimum performance. During and on completion of installation, we also train your staff in all aspects of system use.

EASEOFTRAIN
Maximized benefit through continued training
Ensure that your operators and onsite IT and maintenance staff are getting the most out of your Datalogic solutions with our customizable training programs. We offer a range of training opportunities: onsite, at our facilities, and at regional training events, or online. Contact your Datalogic Authorized Reseller for details on upcoming training events and programs.

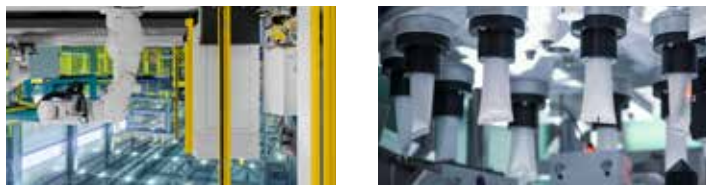
EASEOFPM
Keep equipment in top shape
Keep your equipment in top operating condition with our onsite preventative maintenance program. PM service not only increases equipment life but ensures that it always operates at peak efficiency and lowest cost. Our Datalogic-trained technicians thoroughly inspect all components, replace parts as needed, and ensure that the entire installation performs to standards.

EASEOSUPPORT
Technical Support that fits your needs
For SIS Family get help fast with our 24/7 phone support programs. Datalogic can tailor a service-level agreement to your specific needs, with worldwide coverage, with add-ons to dispatch a technician should an issue require on-site assistance.

EASEOFCARE
Extended service plans that fit your budget
Your business is not one-size-fits-all, and neither are our equipment service plans. Our EASEOFCARE extended reader subscriptions are flexible, customizable and as responsive as your need. Four convenient offerings cover most every need; if yours are different, let's talk—we can help you with staged services, wear-parts forwarding, and other solutions that keep your mission-critical operations working as hard as you do.

EASEOFDEV
Customized development and management
Make your Datalogic solution work its hardest for you by using our custom integration and development services. Our experienced developers and Application Engineers design your solution, to meet your specific needs, so your solution performs exactly the way you envision. We work with you through your solution's lifetime to ensure continuing performance through your changing needs. When it's time to upgrade, together we evaluate how new technologies will help you get even better performance, and to ensure that new devices integrate seamlessly.

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Product traceability is becoming more and more important in every industry, where the identification of items along every manufacturing line. MARVIS connects any Datalogic MATRIX N-series reader with any laser marker, enabling controlling from one single interface and enhancing individual products' performances.



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INSPECTION

Machine vision is an indispensable tool for controlling the quality of processes and products in factory automation and logistics. For this reason, Datalogic has developed a range of vision processing solutions, from new integrated systems to standalone units, designed to meet the needs of different industries. These solutions are capable of detecting even previously unseen defects.



DATALOGIC

EMPOWER YOUR VISION

TOTAL DETECTION AND TRACEABILITY



Datalogic Group is a global leader in the automatic data capture and factory automation markets. It is well known around the world for designing and producing barcode readers, mobile computers, sensors for detection, measurement and safety, RFID, machine vision and laser marking systems. Datalogic solutions help customers increase the quality of their processes in the Retail, Manufacturing, Transportation & Logistics, and Healthcare industries. The Group has a rich history of over 50 years, during which enormous successes have been achieved: 10 R&D centers and 3 DL Labs in Italy, USA, Vietnam, and Czech Republic; 10 manufacturing and repair facilities in the USA, Hungary, Slovakia, Italy, China, and Vietnam; a portfolio of around 1,200 patents and patent applications in multiple jurisdictions; thousands of prestigious partners and customers spread across five continents.

Datalogic Group has offices in 27 countries worldwide, with headquarters in Bologna, Italy. It is through the close cooperation of more than 2,700 employees that Datalogic can boast some of the most remarkable automatic data capture and factory automation solutions available in the market today.

To further strengthen its market position in Industrial Automation, in 2021 Datalogic acquired M.D. Micro Detectors, an Italian company specializing in optical, inductive, capacitive and ultrasonic sensors. This merged with Datalogic's Sensors & Safety and Machine Vision Business Unit in early 2022, creating a new company and brand Datsensing. Datsensing's Machine Vision, Sensors and Safety portfolio solves the most challenging applications in Factory Automation, specializing in Processing and Packaging machinery, and Automated Material Handling Systems related to Manufacturing Industries such as Automotive, Electronics, Food & Beverage, Pharmaceutical, Home & Personal Care, Paper and Printing, Metal- and Wood-working, Ceramics, Glass, Textiles etc. With advanced Inspection, Detection, and Protection devices, the Datsensing Mission is to create added value through smart sensing solutions based on sustainable standard and custom products. They are developed with care and leading know-how, with the Vision to be the premier partner for innovative sensing solutions for industrial automation.



TRACEABILITY										LASER MARKING SYSTEMS										HANDHELD AND WEARABLE SCANNERS																																																																																																																																																																									
STATIONARY INDUSTRIAL SCANNERS																				INDUSTRIAL HANDHELD READERS																																																																																																																																																																									
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SYSTEM CONTROLLER										Laser Marking Systems										Handheld and Wearable Scanners																																																																																																																																																																									
TC1200 - Embedded code reconstruction software - Very high density code reading (up to 0.1mm / 4mils) - Scanner and scan engine version - No moving part (MTBF>200,000 hours) - Designed for OEM integration										DS5100 - Medium, Long Range, Linear and Oscillating Mirror models, selectable focus for high application flexibility - Selectable focus system - Display and multi-language messages										DS8110/DX8210 - Ethernet Bus Connections (EBC) for high-speed data transmission and real time synchronization - Excellent performance on low quality code and unpredictable reading conditions - Fully redundant configuration and no single point of failure										BLADE 1D code reading - Embedded Ethernet connectivity - Two Ports ProFnet and ETH-IP - M12 rotating connector - Compact dimensions - Excellent performance on low quality and damaged labels - BLADE 100: Up to a 310 mm (12.2 in) reading distance - BLADE 200: Up to a 600 mm (23.6 in) reading distance										MATRIX 120™ - Ultra compact dimensions for easy integration - Smart user selectable focus for high application flexibility - ESD and Polarized Versions										MATRIX 220™ - The new AI-powered platform introduces cutting-edge algorithms that enhance decoding capabilities, delivering unprecedented performance like never before - Compact dimension and rotating connectors for easy integration - Top performing High Power Illuminator model for challenging high speed applications										MATRIX 320™ - Innovative platform and sensor with outstanding Field of View (FoV) and Depth of Field (DoF) - Smart configurable lighting solutions with more color options in three power versions - Configurable 360° multicolor visual feedback - Liquid lens remote focus control for extreme flexibility in production										STS320™ - Outstanding reading performance - Compact and out of the box solution fully pre-assembled, for the quickest installation on the field - Run time diagnostics and unreadable code classification to increase the overall productivity - Live and high-speed image saving for post processing analysis - Web Mosaic view to monitor all the readers										AV500/AV900 - High performance camera (5MPx AV500, 9MPx AV900) with integrated image processing system - Image saving to external locations through the dedicated high-speed Gigabit Ethernet port - White and Red lighting options										AV7000™ 12K - Excellent reading performances on high-speed conveyors: 3.5m/s (670fpm) - Patented Pulsed Lighting System to reduce reading station footprint 2.2m (7ft) - Patented Digital Zoom technology assuring constant DPI resolution. - Advanced decode algorithm to read poor quality 1D and 2D barcodes. - Multiple format Image saving from full definition to highly compressed JPG										DM3610 1 and 2 Head Solution - Ultra-high performance, in-motion, overhead dimensioning unit - Automatically measures the length, width, and height of packages - Performs highly accurate measurements - Perfect solution for spatial management applications										SC5100 - Laser (DS-DX), Imagers (AVs), Dimensioner Native Integration 4 GB ETH embedded switch 5 inch Graphical Color display and Clear Status LEDs - Supports Full Redundant Controller Layout										AREX 400 SERIES - Ultra compact Scanhead with high protection grade - High performance embedded controller - Robotic grade robust flexible conduit, green spot marking confirmation, built-in SLD (Safe Laser Off) - Full Lighter Software Suite with MARVIS (Mark & Verify) support										UniQ™ SERIES - Powerful 15W fiber laser source - All-in-one, Fully integrated ultra-compact device - Rugged IP54 rated housing - No external rack, no power supply, no other controller needed - No fiber delivery constraints - Built-in second generation EMC (Embedded Marking Controller) - Powered by Lighter software Suite										EOX SERIES - Coding and marking applications in food, packaging, pharmaceutical, and electronics industries - Marking on organic materials (paper, carton, wood) - Marking on thermoplastic, painted and coated metals, glass										POWERSCAN 9500 DPM - Ideal for DPM Lite applications - Omnidirectional reading on 1D and 2D DPM codes - Bluetooth and proprietary Datalogic STAR bidirectional Radio system - Multiple connectivity including Ethernet and Industrial Ethernet - Superior Good Read feedbacks with 3GL technology and Green Spot - Real time feedbacks with 4-Keys keypad option										POWERSCAN 9600 Standard Series - Standard Range (SR), High Performance (HP) for standard / high resolution codes, Document Capture (DC) for scanning and color image capture - Wireless Charging reducing total cost of ownership - Modular cradle design for multiple connectivity, comprising Ethernet and industrial fieldbus - Bluetooth and proprietary Datalogic STAR bidirectional Radio system - High visibility OLED Display with 4-Keys / 16-Keys keypad options - Smart batteries and diagnostics																													
HANDHELD AND WEARABLE SCANNERS										DETECTION										PHOTOELECTRIC SENSORS																																																																																																																																																																									
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POWERSCAN 9600 RFID Series - Hybrid scanner combining UHF RFID tags and barcodes reading - Cordless device with Bluetooth connectivity - Dual camera with color sensor option for color image capture - High visibility OLED Display with 16-Keys keypad option - Wireless Charging reducing total cost of ownership - Modular cradle design for multiple connectivity, comprising Ethernet and industrial fieldbus - Smart batteries and diagnostics										POWERSCAN 9600 DPX Series - Excellent DPM reading capabilities for different marking technologies (laser etching, dot peening, inkjet printing, electrochemical etching) - Omnidirectional reading on 1D and 2D DPM codes - Wireless Charging reducing total cost of ownership - Modular cradle design for multiple connectivity, comprising Ethernet and industrial fieldbus - Bluetooth and proprietary Datalogic STAR bidirectional Radio system - Wireless Charging reducing total cost of ownership - Modular cradle design for multiple connectivity, comprising Ethernet and industrial fieldbus - High visibility OLED Display with 4-Keys keypad option - Smart batteries and diagnostics										POWERSCAN 9600 AR Series - Auto Range optics from contact up to 20+ m / 65+ ft with fast autofocus scan engine - Sharp aiming system for indoor and outdoor applications - Scanning capabilities even in challenging conditions (e.g. damaged barcodes or through shrink wrap) - Bluetooth (direct pairing with host) and proprietary Datalogic STAR bidirectional Radio system - Wireless Charging reducing total cost of ownership - Modular cradle design for multiple connectivity, comprising Ethernet and industrial fieldbus - High visibility OLED Display with 16-Key keypad option - Smart batteries and diagnostics										CODISCAN - Higher ergonomics and flexibility: minimal footprint, only 44 grams in weight, multiple mounting options (hand, neck/belt/pocket) - Higher scanning performance and productivity: 1D/2D reading capabilities up to 1.5 m / 4.9 ft, intelligent aiming system, good-read confirmation on label, lateral and rear high-visible LEDs, audio and haptic feedback, 2 working shift operations - Easier to use and manage: mobile app for pairing and settings, hand-rigger modularity for easy washing and disposal, expandable 2-slot charger										P2X Industrial smart camera providing exceptional inspection performance in a compact housing. State-of-the-art CMOS imagers with resolutions up to 2MP deliver maximum image quality.										P3X High-end smart camera providing state of the art computing performance. With resolutions up to 5MP, P3X enables high-accuracy quality inspection and measurement applications.										MX-E Industrial Machine Vision Processors providing the highest performance in image processing with unmatched flexibility through GigE multi-camera connectivity support.										MX-G2000 Industrial vision processor with PEKAT VISION deep learning that enables advanced machine vision applications for factory automation. The MX-G2000 integrates the 12th generation INTEL chipset and NVIDIA RTX GPU providing the highest computing power to run both PEKAT VISION deep learning and IMPACT rule-based algorithms.										E/M DIGITAL CAMERAS Range of GigE industrial digital cameras featuring latest CMOS imagers with resolutions from VGA up to 24MP.										DEEP LEARNING SW A state of the art software solution for industrial visual inspection and quality assurance based on proprietary advanced deep-learning algorithms and neural networks.										AS1/DS1 High resolution area sensor and measurement of small objects crossing the area, even in a random positions.										BX10/BX80 Compact Area Sensors. Detection of small object in the controlled area, crossed beams.										CX0/CX2 Slim Area Sensors, detection and measurement with crossed and parallel beams.										CR0/CR1/CR2 Retroreflective Polarized Area Sensors.										DS4 Area sensors detection and measurement, with crossed and parallel beams, detect small and transparent objects, resolution 5, 10, 25mm, control height 300 to 3000mm. Configurable by IO-Link, wireless by GUI.										SMART-VS The smart vision sensor series enabled with AI, and empowered by machine learning assisted setting algorithms. Smart-VS is available as Standard, Plus and EVO models with extended features. Simply clever solution for all your presence and orientation object detection applications.										S5N/S5 The first tubular sensor line with all optic functions and IO-Link V1.1 smart sensor profile on the market, a reference point for the Industry 4.0. Stainless steel AISI 316 L P60K ECO-AB and Diversy models (S5N...NA...) are also available.										DM M12 Photoelectric Sensors with different models with Teach-in button for easy adjustment.										SS/FAL/FF Wide range of models of M18, photoelectric Sensors: general purpose, laser emission for harsh environments and food and beverage, ECO-LAB and DIVERSY tested.									
PHOTOELECTRIC SENSORS										SUB MINIATURE										MINIATURE																																																																																																																																																																									
SM-ALL The subminiature photoelectric sensor with all universal optic functions. Precise and effective detection also for hard application to reach objects in compact machineries with narrow spaces.										S100 Universal miniature photoelectric sensor with best price on the market, standard miniature dimension and universal mounting feature for quick and easy mechanical and electrical installation.										S3N S3N series delivers top performances in a very rugged and miniaturized standard housing. Complete solution for any detection application in any automation industry, including the fastest and most precise miniaturized contrast sensor on the market. The series is available with trimmer adjustment and Teach-in models with complete connection output including M8 and M12 digital models. The S3N offers high connectivity features thanks to extended state of the art IO-Link communication.										QM Wide range of models of cubic miniaturized sensors.										QF Cubic miniaturized IP68/IP9K photoelectric sensors for harsh environments and food and beverage applications.										S8 The Compact sensor format to solve difficult detection applications (i.e. target objects that are too small, too fast, too clear, too shiny). Performance oriented family available also with AISI 316L housing models.										S62 50 x 50 Standard universal sensor with improved performance and pricing. Wide range of optic functions in a compact industry format with standard 50 x 50 mm housing, mounting holes, installation and wiring.										S300-PA/PR Heavy duty, multi-voltage sensors with terminal block and internal relay. Durability for integration in outdoor applications and harsh environments										SR12/SR23 High-resolution, very fast response time fork sensor for precise positioning, applying and printing of labels, even when integrated in fast machinery and processes.										SRF/FC5/FC6/FC7 Optical slot sensors with high precision, for detection of objects, labels and transparent film.										TL46 Very high resolution, White, Red or RGB emission, very fast response time. Thanks to its new very Low jitter models performs ultra precisely in packaging machinery and synchronization based mark detection, even when used in extremely fast processes.										LD46 UV high power emission LED with high sensitivity. Precise packaging machinery synchronization or material sorting and selection based on luminescent "invisible" mark detection.										S67-Y Class 2 Laser distance sensor based on triangulation with a resolution of 10 um. S67-Y is available as long range (Y13) or short range (Y03) with analog output.										S65-M Cost effective Long Range Background Suppressor with Time Of Flight (TOF) technology and Infrared emission in a compact and standstill 50 x 50 sturdy housing. Equipped by a powerful green pointer for easy target alignment.										S85 Long range distance sensor with Time Of Flight technology in diffuse mode. High resolution and accuracy available in two models up to 10 m, and up to 20 m. Graphic display model available with Push button TEACH IN Adjustment in a compact sturdy metal housing.										S70/S7/FY The compact and advanced fiber optic amplifier sensors with competitive price and features, double display, high speed and contrast sensitivity models are also available including IO-Link connectivity.										OPTIC FIBER Complete range of universal plastic and glass optic fibers for coaxial, diffuse, through-beam and area detection.										REFLECTOR Prismatic and microcube reflectors for photoelectric sensors available in many different shapes, dimension and efficiency.																			
SPECIALTY										INDUCTIVE SENSORS										CAPACITIVE SENSORS																																																																																																																																																																									
INC M18 inclinometer sensor with AISI316L full metal stainless steel housing.										YBR M18 vibration sensor with AISI316L full metal stainless steel housing.										FL Compact cylindrical photoelectric sensor through-beam high power and wide angle use in washdown environment.										AA/AB/AC/AD/AES/AHS Miniaturized inductive sensors with base, standard and advanced functionality, with only one side active, to reduce installation costs in tight spaces.										IL5/IL8/IL9/IL1 Cubic inductive sensors: 5 x 5 mm, 8 x 8 mm (with top and centre detection head), 10 x 28 x 16 mm.										IS40 40 x 40 mm. Versatile and flexible for various applications in the machinery thanks to the connector rotatable in any direction.										AH/AE/AM/AK/AT/IS From diameter ø6.5 mm to M30. Reliable detection of any metal part.										V3/V-°2 AC sensors with M12, M18 and M30 housing (V°2 series). AC/DC sensors with M8, M12, M18 and M30 housing (V3 series).										FM/PF From M12 to M30 housing. AISI316L housing full metal body (FM series). (M8-M30) Designed for washdown applications (PF series). (M12-M18)										C12/C18/C30 M18 and M30 capacitive sensors for detection of all types of materials: solids, liquids, powders.										CQ50/CQ55 CQ50: flat sensor with fixed working distance. CQ55: compact housing with sensitivity adjustment.										C18FT/C30FT M18 and M30 capacitive sensors suitable for applications in food and beverage and pharmaceutical industries. For harsh environments.										UK1/UK6 M18 ultrasonic sensors, with both standard or short body (where application ask for a limited installation space).										UT18/UT2F/UT5L M30 ultrasonic sensors, from ø30 mm transducer to large front transducer for longer detection distances.										US18-PA/PR US18-PA/PR series guarantees a small blind zone providing a wide operating range, they are available in two different barrel housings with discrete or analog output.										UFK/UFT M18 and M30 full metal ultrasonic sensors for extreme applications (food and pharma, chemical).										US18-PL US18-PL series provides a wide operating range and fast operating frequency, they are available in cubic style with M18 mounting and discrete outputs.										UQ1 M18 thread + cubic housing ultrasonic sensor with both the advantages of a cylindrical and a cubic sensor for the mounting conditions.																			
ACCESSORIES										SAFETY										GUIDANCE																																																																																																																																																																									
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FC8 Ultrasonic slot sensors with high switching frequency detect any type of labels opaque and transparent.										MOUNTING Mounting brackets with different shapes and materials. Optics adapters like shutters, slits, focal lenses and beam adapters.										CONNECTION M8 and M12 standard connectors and cables available with different lengths, materials, poles numbers and configuration.										SH4 A complete family of state-of-the-art safety light curtains, covering all resolutions and functionality levels. From basic to wireless programmable models, all needs covered.										SH4 ACTIVE/PASSIVE Retroreflector version of SH4 series, with base, standard and advanced functionality, with only one side active, to reduce installation costs in body protection applications.										S62/S64 Finger and hand presence safety detection with basic functions. High reliability, easy installation and alignment, cost effective solution for simple protection needs.										S64 EXTENDED Finger and hand safety detection with possibility of configuration of advanced functions through push buttons or Graphic User Interface. Extended flexibility that fits a diverse range of machine needs, combined with possibility of Ethernet connection for remote monitoring.										SG BODY REFLECTOR Body safety protection and perimeter access control. High reliability, easy installation and alignment, cost effectiveness.										SLIM Ultra-compact safety light curtain with finger and hand resolution for applications where space saving and mechanical flexibility is a must.										SG4-H Finger protection in applications where high hygienic requirements need frequent cleanings with highly corrosive detergents. The first safety light curtain with stainless steel housing and glass.										LIGHT CURTAINS ACCESSORIES Wide range of interfaces and mechanical accessories for mounting and protecting light curtains. Dedicated accessories for quick installation of muting sensors.										SLS LASER SENTINEL is the innovative solution for safe area protection in a large variety of applications in automation and intralogistics industries. It offers a complete and flexible solution for the safeguard of robotic cells, automated guided vehicles and general machinery.										SLS PROFISAFE LASER SENTINEL is the innovative solution for safe area protection in a large variety of applications in automation and intralogistics industries. It offers a complete and flexible solution for the safeguard of robotic cells, automated guided vehicles and general machinery with ProFnet and Profisafe fieldbus integration										LASER SCANNER ACCESSORIES Mounting and protection brackets, together with peripheral modules and interfaces to expand the devices application range.										L6S-N50 Lidar Guidance Scanner is a compact, rugged navigation Lidar based on time-of-flight (TOF) infrared laser technology for the market of Automated and Laser Guided Vehicles or Forklifts, used for intralogistics and manufacturing.										L6S-N25 L6S-N25 is a really miniaturized rugged navigation Lidar based on time-of-flight (TOF) infrared laser technology for the market of Automated and Laser Guided Vehicles or Forklifts, intralogistics, manufacturing, agriculture and working means and more.										L6S-A10 L6S-A10 is a really miniaturized rugged collision avoidance Lidar based on time-of-flight (TOF) infrared laser technology used for the market of Automated and Laser Guided Vehicles or Forklifts, intralogistics, manufacturing, agriculture and working means and more.										ENC Encoder standard industrial line, very effective about price/performance ratio, high resolution and accuracy. Available with integrated Fieldbus interfaces, offering the highest resolution and accuracy for precision motion control and length measurement.																			
www.datalogic.com										DATALOGIC EMPOWER YOUR VISION										DATASensing EMPOWER YOUR LOGISTICS										www.datasensing.com										9C0000030 Pocket Guide Ind. Autom.-EN (01-24)-MKTG																																																																																																																																																					