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 modwular 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

AUTOMATIC BAGGAGE IDENTIFICATION



Automatic Tag Reading (ATR) systems are able

to detect both Barcode label and RFID tag Barcode Laser Technology: a cost-effective and reliable solution which is able to guarantee good performance especially on check-in bels. Reading performances are compliant

RFID TECHNOLOGY

• RFID Technology: this solution provides highest read rate even when tag is not visible to laser view line. Optimized antenna and tracking software deliver unsurpassed performances with tag compliant to IATA1740c RFID recommended practice

with IATA 1740 a recommended practice



IMAGING TECHNOLOGY

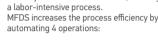
ATR imager-based barcode readers provide the highest level of performance even on damaged labels. Optional RFID technology helps to provide highest reading rate (not directly visible label) by adding BHS RFID KIT.

OCR and Videocoding.

OCR IATA LABEL RECOGNITION Camera technology is capable of value added image based functionalities such as supporting

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





regular or irregular shaped, providing measurements

DECODE barcode





labels and merge it to 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.

INBOUND (DWS: DIMENSION WEIGH AND SCAN)



weighted; thousands of parcels are utomatically handled and classified based on dimensions and weight. The captured data can be used for quality checks or storage ptimization. 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

High-speed sorting is the core application in a logistic hub, where several thousands A multi-side reading station, based on the AV7000 is the state-of-the-art solution for this type of applications. The AV7000, in combination with the DM3610, offers highspeed parcels reading and dimension

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 productio

PERFORMANCE EXCELLENCE

STS320 delivers outstanding reading perform at the best price/performance ratio because of a superior 2MP sensor (1920 × 1080 pixels 16:9) combined with a powerful dual core processor. 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

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 liagnostics. 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 Sulphur gas resistance allows safe installation of the STS320 in the most challenging environment (curing process). 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.



MATRIX 320™

MATRIX 320™

AV500/AV900

STATIONARY INDUSTRIAL SCANNERS





SENSORS

S65/S85







LOGISTIC AUTOMATION

STATIONARY INDUSTRIAL SCANNERS

AIRPORT



DS8110/DX8210

SENSORS



CR/CX/DS

DM 3610









SC5100







MACHINE VISION





GUIDANCE





EASE OF CARE

EASEOFMIND

at its highest possible efficiency throughout its life.

EASEOFBUILD

Service Programs

unseen defects.

Deep-learning Sofware



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

Service Programs provide you with the right choice to meet your service expectations. 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 2-day Comprehensive program offers rapid repair turnaround time of the same unit and also covers accidental breakage.

Or, if you want to upgrade product embedded warranty coverage, turnaround time and length, the 5-day program offers the alternative to do so. Finally, if total cost of ownership is critical for expense

management, you can purchase multiple years of Service Programs at very economical prices. A variety of service programs are available to match your business requirements. The 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.

Service programs that meet every need

Whether you own a small manufacturing plant or manage a large enterprise, know that Datalogic supports you at all stages of product life with a range of customizable Services solutions. With walkthroughs to ensure every required component is included in your purchase, customized installation to meet your specifications, onsite installation and training, through technical support

and product maintenance agreements, Datalogic EASEOF Services means your solution will work

www.pekatvision.com

Software Solutions

WebSentinel Plus is a supervisory software solution for monitoring operational activities of **WebSentinel** "

points over Ethernet network, and presents the information flow as visual onscreen information. It also stores this information in a database and,

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

periodically or on demand, produces performance, diagnostic, and tracking reports.

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

MARVIS connects any Datalogic MATRIX N-series reader with any laser marker, enabling

controlling from one single interface and enhancing individual products' performances.

A state of the art software solution for industrial visual inspection and quality

PEKAT VISION very effectively finds anomalies, detects and classifies defects

assurance based on proprietary advanced deep-learning algorithms and

and checks surface on materials and objects. Thanks to AI and focused-

learning algorithms, it has a unique feature of detecting even previously

recognition of the main 'No Read' root cause (no label, damaged label, obscured label, etc.).

WebSentinel™ PLUS

reading devices through a single web browser

WebSentinel™ PLUS INVESTIGATOR

Lighter Suite is the all-inclusive editing and laser management

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

laser controller and the innovative MARVIS™ (MArk Read

Verify Integrated Solution) feature to seamless interact

with AutoID code reader for in-line validation of marked

nterface) a powerful vectorial graphical editor, an advanced

software for all Datalogic Laser Marking products. Lighter Suite with its innovative approach focused on

based interface. It collects data from scan

INVESTIGATOR is an upgrade to the WebSen

Lighter MARVIS

Plus image analysis, obtaining data (including images) for Datalogic Industrial Barcode Reader

based on imaging technology such as the AV and

INTRALOGISTICS / AMH / PALLETIZING / WAREHOUSE / AGV

STATIONARY INDUSTRIAL SCANNERS

S65/S85





S300

STATIONARY INDUSTRIAL SCANNERS





S65/S85





AV500/AV900











LGS-N5/LGS-A10

GUIDANCE

FACTORY AUTOMATION (SHOPFLOOR) - MANUFACTURING & PACKAGING MACHINERY MACHINE VISION





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 optimun

Personalized solution design and installation



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.



EASE0FPM 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.



EASEOF**SUPPORT**

EASEOFCARE

Technical Support that fits your needs 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.



Extended service plans that fit your budget

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



EASEOFDEV Customized development and management

development services. Our experienced developers and Application Engineers will customize your solution, integrating components from different vendors 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

When it's time to upgrade, we work with you to evaluate where new technology will help you get even better performance, and to ensure that new devices integrate seamlessly with existing solutions.

Datalogic and the Datalogic logo are exclusive property and registered trademarks of Datalogic S.p.A. in many countries, including the U.S.A. and the E.U. All other trademarks and brands are exclusive property of their respective owners. Any use, including any reproduction, not authorised by Datalogic or their respective owners is prohibited • \$D0x00513 ensors for detection, measurement and salety, machine vision and laser marking systems. Datalogic S.p.A. is listed in the uronext STAR Mil Visit www.datalogic.com. ifomation markets since 1972, specialized in the designing and production of barcode readers, mobile computers,



romated guided vehicles (AbV). applications, such as robotic cells and unctionalities, sensing the smallest or tastest tor area protection in static or dynamic detection in fixed applications; whereas safety laser scanners are recommended pr positioning. Datasensing sensors are available in many different lines, models and light curtains are used for the detection of finger, hand, arm, body, or presence detections in fixed applications. esempil, and measure dimensions, distance, or parts, inspect their integrity or correct plants or machinery. Datasensing safety automation to detect the presence of objects protection in potentially hazardous areas ltrasonic sensors are essential in industrial Safety devices are mandatory for operator hotoelectric, inductive, capacitive, and



nanutacturing lines. guide robot arms, and control assembly and recognize patterns, detect defects, locate parts vision processors, deep learning and software tools suitable to read codes or characters (OCR), purpose Datasensing offers smart cameras, in factory automation and intralogistics. For this courtoung the quality of processes and products Machine vision is an indispensable tool for

ODATALOGIC

INSPECTION



nore important in every industry, where

Product traceability is becoming more and

Our Solutions

TRACEABILITY



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: 8 R&D centers and 3 DL Labs in Italy, USA, Vietnam, and China: 11 manufacturing and repair facilities in the USA, Hungary, Slovakia, Italy, China, Vietnam, and Australia; a portfolio of around 1,200 patents and patent applications in multiple jurisdictions; thousands of prestigious

Datalogic Group has offices in 29 countries worldwide, with headquarters in Bologna, Italy. It is through the close cooperation of more than 3,000 employees that Datalogic can boast some of the most remarkable automatic data capture and factory automation solutions available in the market

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 Datasensing.

partners and customers spread across five continents.

Datasensing'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 Datasensing 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.









Display and multi-language

























DIMENSIONERS











POWERSCAN 9500 **POWERSCAN 9600** Standard Series

• Standard Range (SR), High Performance (HP) for standard / high resolution

- codes, Document Capture (DC) for scanning and colo image capture
- total cost of ownership Modular cradle design for multiple connectivit
- Industrial Ethernet Superior Good Read
- feedbacks with 3GL Real time feedbacks with

DPM

Bluetooth and proprietary Datalogic STAR bidirectional Radio system · Multiple connectivity including Ethernet and

Datalogic STAR bidirectiona Radio system High visibility OLED Display with 4-Keys / 16-Keys

TC1200 • Embedded code

- construction software Verv high density code reading (up to 0.1mm /
- Scanner and scan engine
- · No moving part (MTBF>200.000 hours)
- Designed for OEM integration

- DS5100 Medium, Long Range
- Linear and Oscillating Mirro models, selectable focus for high application flexibility Selectable focus system
- quality code and unpredictable

DS8110/DX8210

Ethernet Bus Connections

(EBC) for high-speed data

transmission and real time

Excellent performance on lov

- · Fully redundant configuration and no single point of failure

1D code reading

 Embedded Ethernet connectivity Two Ports Profinet and ETH-IP M12 rotating connector

(23.6 in) reading distance

BLADE

- Compact dimensions
- Excellent performance on low quality and damaged labels • BLADE 100: Up to to a 310 mm (12.2 in.) reading distance

MATRIX 120™ MATRIX 220™

 Ultra compact dimensions for easy integration Smart user selectable focus for high application flexibility ESD and Polarized Versions

2D SCANNERS

for high reading flexibility New multicore image rocessing platform excellent for high speed applications

All-In-One DPM illuminator

- DPM reading performance
 - options in three power

MATRIX 320™

 Configurable 360° multicolor visual feedback

control for extreme

- Field of View (FoV) and Depth · Smart configurable lighting solutions with more color
- · Liquid lens remote focus

STS320™

- Outstanding reading Innovative platform and
 - productivity
- flexibility in production

- 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
- Live and high-speed image saving for post processing Web Mosaic view to monito

all the readers

AV500/AV900

- 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™ Single view high quality

- picture for large conveyors Patented Autofocus System offering extended DoF
- Patented PLS technology reducing the footprint of the reading station by 50%

DM3610 1 and 2

- **Head Solution** • Ultra-high performance, in-motion, overhead dimensioning unit

- Integration and Clear Status LEDS
- Performs highly accurate

- 5 inch Graphical Color display

- Perfect solution for spatial management applications

- Controller Layout

length, width, and height of

SC5100

SYSTEM

CONTROLLER

· Laser (DS-DX), Imagers

- Supports Full Redundant

- - conduit, green spot marking confirmation, built-in SLO (Safe Laser Off) • Full Lighter Software Suite

AREX 400 SERIES Ultra compact Scanhead with high protection grade

 High Peak Power up to 60 kW High performance embedded Infrared, Green and UV on · Robotic grade robust flexible same platform

with MARVIS

• Full Lighter Software Suite

 (Mark & Verify) support with MARVIS (Mark & Verify) support

VLASE SERIES UniQ™ SERIES High performance Solid State Powerful 15W fiber laser

- All-in-one. Fully integrated ultra-compact device
- Rugged IP54 rated housing No external rack, no powe supply, no other controller No fiber delivery constraints
- Built-in second generation EMC (Embedded Marking Controller) Powered by Lighter software

MINIATURE

packaging, pharmaceutical, and electronics industries Marking on organic materials (paper, carton, wood)

Marking on thermoplastic

painted and coated metals,

EOX SERIES

Coding and marking

applications in food

- Ideal for DPM Lite Omnidirectional reading on 1D and 2D DPM codes
- comprising Ethernet and industrial fieldbus Bluetooth and proprietary
- 4-Keys keypad option
 - keypad options Smart batteries and diagnostics

HANDHELD AND WEARABLE SCANNERS INDUSTRIAL HANDHELD READERS /

POWERSCAN 9600

- **DPX Series** • Excellent DPM reading capabilities for different marking technologies (las
- etching, dot peening, inkiet printing, electrochemical etching)
 • Omnidirectional reading on
- Wireless Charging reducing total cost of ownership Modular cradle design
- Bluetooth and proprietary Datalogic STAR bidirectional · High visibility OLED Display

Scanning capabilities ever 1D and 2D DPM codes

- Bluetooth (direct pairing with host) and proprietary comprising Ethernet and industrial fieldbus
- total cost of ownership Modular cradle design for multiple connectivity comprising Ethernet and Smart batteries and industrial fieldbus • High visibility OLED Display

POWERSCAN 9600

- AR Series Auto Range optics fron contact up to 20+ m / 65+
- ft with fast autofocus scan Sharp aiming system for indoor and outdoor
- in challenging conditions (e.g. damaged barcodes or through shrink wrap)
- Datalogic STAR bidirectional Wireless Charging reducing

with 16-Key keypad optio Smart batteries and

WEARABLE **SCANNERS**

- CODISCAN 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

expandable 2-slot charger

and settings, hand-rigger

washing and disposal,

MAXI

S300 PA/PR

sensors with terminal block

INDUCTIVE SENSORS MINIATURE CYLINDRICAL

AA/AB/AC/AD/AES/

Miniaturized inductive sensors

from diameter ø3 mm to M8.

Where small spaces required

small dimensions.

AHS

AND CUBIC

MACHINE VISION

INSPECTION



applications.

providing exceptional inspection housing. State-of-the-art CMOS imagers with resolutions up to

翻

providing state of the art resolutions up to 5MP, P3x

MX-G2000

INDUSTRIAL CAMERAS



E/M DIGITAL

CAMERAS A state of the art software inspection and quality advanced deep-learning



solution for industrial visual assurance based on proprietary algorithms and neural networks.

PHOTOELECTRIC SENSORS SMART SENSORS



DETECTION

SMART-VS **S5N/S5**

series enabled with A.I. and

TUBULAR

The first tubular sensor line with M12 Photoelectric Sensors with all optic functions and IO-Link different models with Teach-in V1.1 smart sensor profile on the button for easy adjustment. market, a reference point for AISI 316 L IP69K ECOLAB and



photoelectric Sensors: general porpouse, laser emiss harsh enviroments and food and beverage, ECOLAB and



machineries with narrow

CR0/CR1/CR2

Retroreflective Polarized Area

sensor with all universal optic Precise and effective detection also for hard application to reach objects in compact



photoelectric sensor with best price on the market, standard miniature dimension and universal mounting feature for quick and easy mechanical and

S3N series delivers top performances in a very rugged miniaturized sensors. and miniaturized standard



Wide range of models of cubic Cubic miniaturized IP68/IP69K photoelectric sensors for harsh enviroments and food and

beverage applications.

diagnostics PHOTOELECTRIC SENSORS



SPECIALITY

to solve difficult detection

and wiring.

The Compact sensor format 50 x 50 Standard universal sensor with improved that are too small, too fast, too Wide range of optic functions in for integration in outdoor a compact industry format with applications and harsh Performance oriented family stadard 50 x 50 mm housing, environments

available also with AISI 316L mounting holes, installation

M18 vibration sensor with Compact cylindrical AISI316L full metal stainless photoelectric sensor through beam high power and wide

angle use in washdown



on clear roll support or to check

single/double clear films.

FORK SENSORS

SRX SRX-3 introduces state-of-

able to detect any type of label support, allowing seamless detection of transparent label adapters.

MOUNTING Mounting brackets with Optics adapters like shutters, available with different lengths

ULTRASONIC SENSORS

ALL TYPE OF SENSORS

ACCESSORIES FOR

CONNECTION

M8 and M12 standard

configuration.



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

protection applications.

reduce installation costs in body

CUBIC

SENSORS



<u>PROTECTION</u>

SAFETY LIGHT CURTAINS



SRF/FC5/FC&/FC7

precision, for detection of objects.

labels and trasparent film.

part.

AH/AE/AM/AK/AT/IS From diameter ø6,5 mm to Reliable detection of any metal

SG2/SG4

Finger and hand presence safety

detection with basic functions.

High reliability, easy installation

solution for simple protection

TL46

Very high resolution, White,

Red or RGB emission, very

performs ultra precisely in

detection, even when used in

packaging machinery and

extremely fast processes.

SENSORS

fast response time Thanks to

its new very Low litter models

STANDARD

COLOUR, CONTRAST & LUMINESCENCE

V3/V*2

LD46

UV high power emission

LED with high sensitivity

Precise packaging machinery

synchronization or material

luminescent "invisible" mark

SENSORS

MULTIVOLTAGE

AC sensors with M12, M18 and

AC/DC sensors with M8, M12.

M30 housing (V*2 series).

M18 and M30 housing

SG4 EXTENDED

Finger and hand safety

detection with possibility o

configuration of advanced

or Graphic User Interface.

functions through push buttons

Extended flexibility that fits a

combined with possibility of

monitoring.

diverse range of machine needs,

Ethernet connection for remote

FM/PF

From M8 to M30 housing.

Designed for washdown

applications (PF series).

(M12-M18)

SG BODY

effectiveness.

www.datalogic.com

AISI316L housing full metal

body (FM series). (M8-M30)

S67-Y

Class 2 laser distance sens

based on triangulation with a

available as long range (Y13) or

short range (Y03) with analog

S65-M

Cost effective Long Range

and Infrared emission in a

Background Suppressor with

compact and standard 50 x 50

sturdy housing. Equipped by a

HIGH PERFORMANCE / CYLINDRICAL AND CUBIC SENSORS /

C12/C18/C30

Detection of all types of

materials: solids, liquids,

From M12 to M30.

powders.

powerful green pointer for easy

CAPACITIVE SENSORS













CQ50/CQ55

working distance.

sensitivity adjustment.

S85



CQ50: flat sensor with fixed

CQ55: compact housing with

with Time Of Flight technology

in diffuse mode. High resolution

and accuracy available in two

nodels up 10 m, and up to

20 m. Graphic display model

TEACH IN Adjustment in a compact sturdy metal housing





FOOD INDUSTRY/



in food and beverage and





pharmaceutical industries. For limited installation space).





a small blind zone providing

housings with discrete or

analog output.

a wide operating range, are available in two different barrel



chemical).

GUIDANCE

LIDARS



outputs.



REFLECTOR

FC8

ENCODERS /

technology used for the market Available with integrated Vehicles or Forklifts, used for Guided Vehicles or Forklifts, the highest resolution

SMART CAMERAS

P2X Industrial smart camera performance in a compact

FORK A

SR21/SR23

response time fork sensor for

precise positioning, applying and printing of labels, ever

machinery and processes.

P3X enables high-accuracy Quality 2MP deliver maximum image

MX-E

INDUSTRIAL VISION PROCESSORS

Industrial Machine Vision Processors providing the highest performance in image processing with unmatched flexibility through GigE multi-

Industrial vision processor with PEKAT VISION deep learning that enables advanced machine vision applications for factory The MX-G2000 integrates the 12th generation INTEL chipset and NVIDIA RTX GPU providing

the highest computing powe

to run both PEKAT VISION deep

learning and IMPACT rule-based

E/M DIGITAL CAMERAS Range of GigE industrial digital cameras featuring latest CMOS VGA up to 5MP.

DISTANCE MEASUREMENT

DEEP LEARNING

empowered by machine learning assisted setting Smart-VS is available as Standard and Plus models with extended features. Simply clever solution for all your presence and orientation object detection applications.

Diversey models (S5N...NA...)

AREA SENSORS

crossing the area, even in a









SUB-MINIATURE /

S100

electrical installation.

FIBER OPTICS

S70/S7/FY

The compact and advanced fiber

double display, high speed and

also available including IO-Link

optic amplifier sensors with

housing. Complete solution for any detection application in any automation industry, including the fastest and most precise on the market. The series is available with trimmer adjustment and connection output including M8 and M12 pigtail models. The S3N offers high connectivity

features thanks to extended

ACCESSORIES FOR

OPTIC FIBER

Complete range of universa

plastic and glass optic fibers

CUBIC M18 SENSORS /

for coaxial, diffuse, through-

beam and area detection.

PHOTOELECTRIC SENSORS

state of the art IO-Link

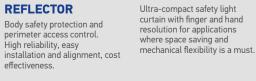
communication.



SPECIALITY















The first safety light curtain

and glass.

with stainless steel housing



DATASENSING

Finger protection in applications ACCESSORIES





SLS

www.datasensing.com







application range.

LASER SCANNER LGS-N50 ACCESSORIES Mounting and protection

Lidar Guidance Scanner is a compact, rugged navigation Lidar based on time-of-flight for the market of Automated and Laser Guided Vehicles or Forklifts, used for intralogistics

LGS-N25 LGS-N25 is a really Lidar based on time-of-

M18 mounting and discrete

LGS-A10

measurement.





controlled area, crossed beams.





SAFETY LASER SCANNERS /

LASER SENTINEL is the protection in a large variety and intralogistic industries. It offers a complete and flexible solution for the safeguard of

robotic cells, automated guided vehicles and general machinery. UT1B/UT2F/UT5L M30 ultrasonic sensors, from ø30 mm transducer to large front transducer for longer detection distances.

CX0/CX2

Slim Area Sensors, detection

and measurement with crossed



automated guided vehicles and general machinery with Profinet and Profisafe fieldbus integration

brackets, together with peripheral modules and interfaces to expand the devices

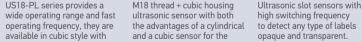
and manufacturing.

flight (TOF) infrared laser technology for the market of Automated and Laser Guided

LGS-A10 is a really of-flight (TOF) infrared laser of Automated and Laser

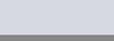


FORK SENSORS











intralogistics, manufacturing, intralogistics, manufacturing, and accuracy for precision agriculture and working means agriculture and working means motion control and length

