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



LASER TECHNOLOGY

Automatic Tag Reading (ATR) systems are able to detect both Barcode label and RFID tag · Barcode Laser Technology: a cost-effective good performance especially on check-in with IATA 1740 a recommended practice

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 erformances with tag compliant to IATA1740c RFID recommended practice



IMAGING TECHNOLOGY

ATR imager-based barcode readers provide the highest level of performance even on damaged labels. Optional RFID technology directly visible label) by adding BHS RFID KIT.

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

MFDS (MASS FLOW DETECTION SYSTEM) 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











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



weighted; thousands of parcels are 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

in a logistic hub, where several thousands of items are sorted hourly, on a 24/7 basis. 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 dimensioning.

TIRE TRACEABILITY

The first-in-class solution to address demanding tire tracking and traceability applications, offering demanding applications along the tire production

PERFORMANCE EXCELLENCE

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

STATIONARY INDUSTRIAL SCANNERS





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

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 assurance based on proprietary advanced deep-learning algorithms and

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

Software Solutions

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

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.

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

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.).

WebSentinel™ PLUS

reading devices through a single web browser based interface. It collects data from scan

points over Ethernet network, and presents the

INVESTIGATOR is an upgrade to the WebSentin

Lighter MARVIS

based on imaging technology such as the AV and

Lighter Suite is the all-inclusive editing and laser management

and comprehensive customization capabilities and effective production tools represent an important step-ahead in

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

Verify Integrated Solution) feature to seamless interact

EASE OF CARE

Service Programs

with AutoID code reader for in-line validation of marked

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

traceability and branding industrial applications.

Deep-learning Sofware

WebSentinel™ PLUS INVESTIGATOR

EASEOFMIND Service programs that meet every need

your products, ensuring that you get the best service to protect your technology investment.

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 at its highest possible efficiency throughout its life,



EASEOFBUILD

Personalized solution design and installation

We work with you to design an installation that works best for your workflow and timing. Datalogictrained 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

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

Maximized benefit through continued 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.



EASE0F**PM** 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** Technical Support that fits your needs

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.



EASEOF**CARE** 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 help you with staged spares, wear-parts forwarding, and other solutions that keep your missioncritical 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 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.

Xf STAR Milan segment of the Italian Stock Exchange since 2001 as DALIMI. Visit www.datalogic.com.







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



nd solutions to solve all traceability needs. Datalogic provides a wide portfolio of produc buoluow pue juawabeuew ssaiboid-i required, from raw material receiving to finished good shipment whilst passing through work-the identification of items along every nore important in every industry, where Product traceability is becoming more and

Our Solutions

TRACEABILITY

ODATALOGIC

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 partners and customers spread across five continents. 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

in Industrial Automation, in 2021 Datalogic acquired M.D. Micro Detectors, an Italian company specializing in optical, inductive, capacitive and ultrasonic sensors, Th merged with Datalogic's Sensors & Safety and Machine Vision Business Unit in early 2022, creating a new company and brai

To further strengthen its market position

Datasensing's Machine Vision, Sensors an 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.



AREX 400 SERIES

AIRPORT











DS8110/DX8210 Ethernet Bus Connections

- (EBC) for high-speed data models, selectable focus for transmission and real time
 - reading conditions

BLADE

- 1D code reading Embedded Ethernet connectivity
- Two Ports Profinet and ETH-IP M12 rotating connector









Single view high quality

picture for large conveyors

DETECTION

PHOTOELECTRIC SENSORS

SMART SENSORS / TUBULAR

DIMENSIONERS

UniQ™ SERIES

EOX SERIES

Coding and marking

INDUSTRIAL HANDHELD READERS

Standard Series

POWERSCAN 9500

HANDHELD AND WEARABLE SCANNERS

POWERSCAN 9600

• Standard Range (SR), High

 Ideal for DPM Lite Performance (HP) for standard / high resolution 1D and 2D DPM codes codes, Document Capture (DC) for scanning and color Bluetooth and proprietary Datalogic STAR bidirectional image capture

 Marking on thermoplastic, painted and coated metals.

Radio system Multiple connectivity

DPM

technology and Green Spot Real time feedbacks with

comprising Ethernet and industrial fieldbus Radio system

keypad options Smart batteries and

diagnostics

INDUSTRIAL HANDHELD READERS





- capabilities for different narking technologies (lasei etching, dot peening, inkjet printing, electrochemical
- 1D and 2D DPM codes Wireless Charging reducing total cost of ownership Modular cradle design for multiple connec comprising Ethernet and
- Datalogic STAR bidirectional High visibility OLED Display with 4-Keys keypad option

- Wireless Charging reducing Smart batteries and industrial fieldbus diagnostics

DS5100 Medium, Long Range,

- Embedded code Very high density code
- reading (up to 0.1mm / Scanner and scan engine
- high application flexibility
 - Selectable focus system Display and multi-language
- Excellent performance on low quality code and unpredictable Fully redundant configuration and no single point of failure

WEARABLE

SCANNERS

- Compact dimensions
 - · Excellent performance on low quality and damaged labels • BLADE 100: Up to 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

2D SCANNERS

MATRIX 220™ All-In-One DPM illuminator

- · DPM reading performance
 - Smart electronic focus control for high reading flexibility New multicore image processing platform excellent for high speed applications

MATRIX 320™

- Field of View (FoV) and Depth
 - options in three power
 - Configurable 360° multicolor visual feedback · Liquid lens remote focus control for extreme

Innovative platform and

- · Smart configurable lighting solutions with more cold
- flexibility in production

STS320™ AV500/AV900

- Outstanding reading Compact and out of the box
- on the field
- productivity

High performance camera

- (5MPx AV500, 9MPx AV900 solution fully pre-assembled,
- for the quickest installation • 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

with integrated image processing system

- Image saving to external locations through the Ethernet port
- White and Red lighting options

dedicated high speed Gigabit

Patented Autofocus System offering extended DoF · Patented PLS technolog reducing the footprint of the reading station by 50%

AV7000™

management applications

• Ultra-high performance, Integration in-motion, overhead

- dimensioning unit length, width, and height of
- Controller Layout Performs highly accurate Perfect solution for spatial

SC5100

- DM3610 1 and 2 **Head Solution** Laser (DS-DX), Imagers
 - Supports Full Redundant

SYSTEM

CONTROLLER

- 5 inch Graphical Color display and Clear Status LEDS

Full Lighter Software Suite

support

high protection grade High performance embedded

AREX 400 SERIES

with MARVIS (Mark & Verify)

 Robotic grade robust flexible conduit, green spot marking confirmation, built-in SLO (Safe Laser Off)

• Ultra compact Scanhead with • High performance Solid State • Powerful 15W fiber laser

LASER MARKING SYSTEMS

High Peak Power up to 60 kW
 All-in-one, Fully integrated

VLASE SERIES

- Infrared, Green and UV on same platform Full Lighter Software Suite (Mark & Verify) support
 - No fiber delivery constraints Built-in second generation EMC (Embedded Marking Controller) · Powered by Lighter software

MINIATURE

Suite

ultra-compact device

- packaging, pharmaceutical, and electronics industries · Rugged IP54 rated housing • Marking on organic materials No external rack, no powe (paper, carton, wood) supply, no other controller
 - including Ethernet and Industrial Ethernet Superior Good Read feedbacks with 3GL

4-Keys keypad option

Modular cradle design for multiple connectivit

 Bluetooth and proprietary Datalogic STAR bidirectiona

High visibility OLED Display with 4-Keys / 16-Keys

HANDHELD AND WEARABLE SCANNERS



POWERSCAN 9600 POWERSCAN 9600 CODISCAN

- Excellent DPM reading Auto Range optics from contact up to 20+ m / 65+ ft with fast autofocus scan Sharp aiming system for indoor and outdoor · Scanning capabilities ever
- through shrink wrap) Bluetooth (direct pairing) with host) and proprietary Datalogic STAR bidirectional Bluetooth and proprietary
 - total cost of ownership Modular cradle design for multiple connectivi comprising Ethernet and

 High visibility OLED Display with 16-Key keypad optio Smart batteries and

INSPECTION MACHINE VISION



SMART CAMERAS

P2X

Industrial smart camera providing exceptional inspection performance in a compact housing. State-of-the-art CMOS resolutions up to 5MP, P3x imagers with resolutions up to enables high-accuracy Quality 2MP deliver maximum image

- only 44 grams in weight, multiple mounting options (hand, neck/belt/pocket) productivity: 1D/2D reading capabilities up to 1.5 m / 4.9 ft, intelligent aiming system
- 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-rigge modularity for easy

· washing and disposal,

expandable 2-slot charger

good-read confirmation

Higher ergonomics and

Higher scanning

performance and

flexibility: minimal footprint.

INDUSTRIAL VISION PROCESSORS



P3X

applications.

MX-E High-end smart camera providing state of the art computing performance. With



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

MX-G2000 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 power

learning and IMPACT rule-based

INDUSTRIAL CAMERAS

E/M DIGITAL

cameras featuring latest CMOS

CAMERAS

VGA up to 5MP.

E/M DIGITAL CAMERAS Range of GigE industrial digital

networks.

A state of the art software solution for industrial visual assurance based on proprietary advanced deep-learning algorithms and neural

DEEP LEARNING



SMART-VS The smart vision sen series enabled with A L and 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.

market, a reference point for

AISI 316 L IP69K ECOLAB and

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

AREA SENSORS

High resolution area sensor and

measurement of small objects

FOOD INDUSTRY

ed le

AS1/DS1

The first tubular sensor line with M12 Photoelectric Sensors with all ontic functions and IO-I ink different models with Teach-in V1.1 smart sensor profile on the button for easy adjustment.

BX10/BX80

UK1/UK16

(where application ask for a

Compact Area Sensors

Detection of small object in the

controlled area, crossed beams.

ULTRASONIC SENSORS

TUBULAR SENSORS



and beverage, ECOLAB and

DIVERSY tested.

CX0/CX2

Slim Area Sensors, detection

UT1B/UT2F/UT5L

M30 ultrasonic sensors, from

ø30 mm transducer to large

front transducer for longer

detection distances.

and measurement with crossed

SS/FA/FAL/FF SM-ALL Wide range of models of M18, photoelectric Sensors: general harsh enviroments and food



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

CR0/CR1/CR2

US18-PA/PR

analog output,

housings with discrete or

Retroreflective Polarized Area

SUB-MINIATURE



S100 Universal miniature photoelectric sensor with hest price on the market, standard miniature dimension and universal mounting feature fo quick and easy mechanical and electrical installation.

FIBER OPTICS

S70/S7/FY

The compact and advanced fiber

double display, high speed and

also available including IO-Link

applications (food and pharma,

GUIDANCE

LIDARS

Lidar based on time-of-flight

for the market of Automated

and manufacturing.

and Laser Guided Vehicles or

Forklifts, used for intralogistics

optic amplifier sensors with



S3N series delivers top performances in a very rugged miniaturized sensors. and miniaturized standard housing, Complete solution for any detection application in any automation industry, including the fastest and most precise

S3N offers high connectivity features thanks to extended

ACCESSORIES FOR

OPTIC FIBER

US18/PL

Complete range of universal

plastic and glass optic fibers

CUBIC M18 SENSORS

beam and area detection.

PHOTOELECTRIC SENSORS

REFLECTOR

Prismatic and microcube

reflectors for photoelectric

different shapes, dimensions

state of the art IO-Link







Wide range of models of cubic Cubic miniaturized IP68/IP69K photoelectric sensors for harsh beverage applications.

PHOTOELECTRIC SENSORS



The Compact sensor format 50 x 50 Standard universal to solve difficult detection sensor with improved

MAXI



S300 PA/PR a compact industry format with applications and harsh

FORK

Heavy duty, multi-voltage sensors with terminal block

INDUCTIVE SENSORS

AND CUBIC

AA/AB/AC/AD/AES/

Miniaturized inductive sensors

from diameter ø3 mm to M8.

Where small spaces required

small dimensions.

CONNECTION

M8 and M12 standard

configuration.

materials, poles numbers and

AHS

MINIATURE CYLINDRICAL

SR21/SR23

High-resolution, very fast and printing of labels, even

response time fork sensor for

SRF/FC5/FC&/FC7 Optical slot sensors with high precision, for detection of objects, machinery and processes

COLOUR, CONTRAST & LUMINESCENCE

Very high resolution. White. Red or RGB emission, very its new very Low litter models performs ultra precisely in packaging machinery and

extremely fast processes.

STANDARD

SG2/SG4

Finger and hand presence safety

detection with basic functions.

solution for simple protection

High reliability, easy installation

detection, even when used in

LED with high sensitivity Precise packaging machinery synchronization or material luminescent "invisible" mark

UV high power emission

Class 2 laser distance sensor based on triangulation with a resolution of 10 um. S67-Y is

HIGH PERFORMANCE

SENSORS

Cost effective Long Range Background Suppressor with Time Of Flight (TOF) technology available as long range (Y13) or short range (Y03) with analog and Infrared emission in a compact and standard 50 x 50 sturdy housing. Equipped by a powerful green pointer for easy

DISTANCE MEASUREMENT

compact sturdy metal housing **CAPACITIVE SENSORS** CYLINDRICAL AND CUBIC SENSORS



C12/C18/C30

Detection of all types of

materials: solids, liquids,

From M12 to M30.

powders.





S85

Long range distance sensor

with Time Of Flight technology

and accuracy available in two

models up 10 m, and up to

20 m. Graphic display model

available with Push button

TEACH IN Adjustment in a



sensitivity adjustment,













www.datasensing.com

SLS LASER SENTINEL is the

SLS PROFISAFE LASER SENTINEL is the

US18-PA/PR series guarantees M30 full metal ultrasonic

a small blind zone providing sensors for extreme

a wide operating range, are applications available in two different barrel chemical).







US18-PL series provides a M18 thread + cubic housing

wide operating range and fast ultrasonic sensor with both



operating frequency, they are the advantages of a cylindrical to detect any type of labels

available in cubic style with and a cubic sensor for the opaque and transparent,



Wireless Charging reducing total cost of ownership





SPECIALITY



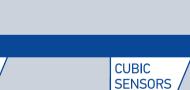
M18 inclinometer sensor with

FORK SENSORS

Ultrasonic slot sensors with

ENCODERS /

AISI316L full metal stainless



IL5/IL8/IL9/IL1

PROTECTION

SAFETY LIGHT CURTAINS

mm, 8 x 8 mm (with top and

x 16 mm,

SH4

A complete family of state-of-

covering all resolutions and

programmable models, all

From basic to wireless

needs covered.

Cubic inductive sensors: 5 x 5 40 x 40 mm. Versatile and flexible for various applications M30. centre detection head), 10 x 28 in the machinery thanks to the connector rotable in any

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

Reliable detection of any metal part,

SENSORS

AH/AE/AM/AK/AT/IS From diameter ø6,5 mm to

V3/V*2 AC sensors with M12, M18 and From M8 to M30 housing. M30 housing (V*2 series).

M18 and M30 housing

SG4 EXTENDED

configuration of advanced

or Graphic User Interface.

functions through push buttons

Extended flexibility that fits a

combined with possibility of

monitoring,

Ethernet connection for remote

diverse range of machine needs,

Finger and hand safety

MULTIVOLTAGE

SENSORS

AISI316L housing full metal AC/DC sensors with M8, M12, body (FM series). (M8-M30) Designed for washdown

SG BODY

effectiveness.

www.datalogic.com

REFLECTOR

Body safety protection and

perimeter access control. High reliability, easy

installation and alignment, cost



SLIM

ODATALOGIC



mechanical flexibility is a must.





cleanings with higly corrosive

The first safety light curtain

and glass.

with stainless steel housing

DATASENSING

ACCESSORIES

LIGHT CURTAINS Wide range of interfaces and mechanical accessories for mounting and protecting light curtains, Dedicated accessories

innovative solution for safe area protection in a large variety and intralogistic industries. It offers a complete and flexible for quick installation of muting solution for the safeguard of robotic cells, automated guided vehicles and general machinery.

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

innovative solution for safe area protection in a large variety of intralogistic industries. It offers interfaces to expand the devices a complete and flexible solution application range. for the safeguard of robotic cells,

LASER SCANNER ACCESSORIES Mounting and protection brackets, together with peripheral modules and

Lidar Guidance Scanner is a

LGS-N25 LGS-N25 is a really

Lidar based on time-of-

flight (TOF) infrared laser

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

avoidance Lidar based on time-price/performance ratio. technology for the market of Automated and Laser Guided technology used for the market of Automated and Laser Guided of Automated and Laser Fieldbus interfaces, offering Vehicles or Forklifts, used for Guided Vehicles or Forklifts, the highest resolution intralogistics, manufacturing, intralogistics, manufacturing, and accuracy for precision agriculture and working means agriculture and working means motion control and length measurement.

that are too small, too fast, too Wide range of optic functions in for integration in outdoor



AISI316L full metal stainless steel housing.

SRX SRX-3 introduces state-of-

ULTRASONIC SENSORS FORK SENSORS

the-art ultrasonic technology different shapes and materials. connectors and cables able to detect any type of label Optics adapters like shutters. available with different lengths. dispensed on any type of roll slits, focal lenses and beam

support, allowing seamless adapters.

detection of transparent label

M18 vibration sensor with





SPECIALITY





Compact cylindrical

photoelectric sensor through-

beam high power and wide

ACCESSORIES FOR

angle use in washdown

TC1200

DPX Series AR Series

- in challenging conditions (e.g. damaged barcodes or



MOUNTING Mounting brackets with