



Multi Code Reader

IDENTIFICATION SOLUTION FOR SCANNING AND AGGREGATION OF SERIALIZATION CODES

Quality control systems

SICK
Sensor Intelligence.

GUIDELINES ON COMPLIANCE THROUGHOUT THE ENTIRE LOGISTICS CHAIN

To protect consumers from counterfeits, products requiring serialization must be verified at every step in the supply chain. This results in additional effort and expense for many market participants. MCR solutions from SICK enable automated scanning and aggregation of serialization codes and ensure compliance with the highest standards, thus increasing overall process efficiency.

AREAS OF APPLICATION



Production

Distributors

Log in

Secondary packaging
Export

DETECTION

Quick and reliable reading of a large number of different bar codes and aggregation in one pass.



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VERIFICATION

The cloud or an individually selected software provider assumes verification of the data as well as data storage.



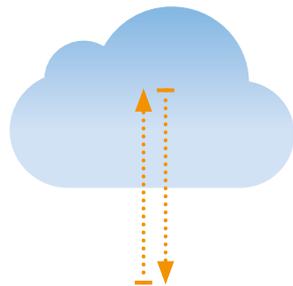
Wholesalers

Trade

Consumer

Secondary packaging

Log out



TRANSMISSION

The integrated IIoT gateway from SICK quickly and securely transmits the detected data to the cloud for verification.

EFFICIENT AND COST-SAVING PROCESSES

With the Multi Code Reader, a large number of individual packages can be detected at the same time. In addition to the automated scanning of different codes, the system is characterized by the possibility of aggregation.

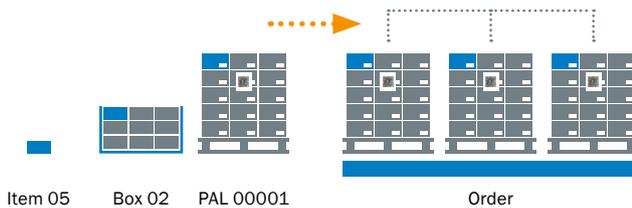
+ TIME AND MONEY SAVINGS DURING PICKING

- Quick and reliable reading of a large number of different bar codes and aggregation codes.
- Scanning of up to 500 packages at once in just a few seconds



Aggregation mode

Allows codes to be combined into an aggregation and assigned to an order or delivery notice



+ FLEXIBLE CONNECTION

Cloud Connector

- Interface to any cloud provider via LAN, WLAN or GSM
- Commissioning in just a few minutes thanks to plug and play solution



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+ COMPLETE DETECTION

Camera including configuration assistant

- Large reading field of 640 x 400 mm
- Automated consideration of different packaging properties, e.g. foil-wrapped folding boxes and different folding box heights (difference of up to 31 cm possible)
- Quick configuration of the camera to match the lighting conditions on site

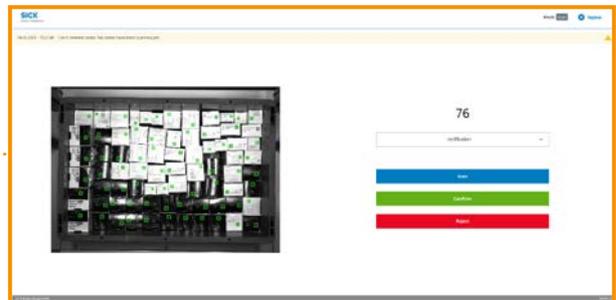
Mobile hand-held scanner

- Manual scanning of aggregation codes or post-detection of individual packaging codes as needed
- Reliable detection of the desired code thanks to LED dot



Touch display

- Easy and intuitive operator with display of status and
- number of codes read



+ MAXIMUM SYSTEM AVAILABILITY

SICK Remote Service

- Individualized and secure remote maintenance
- Optionally with support models from 8/5 up to 24/7

IDENTIFICATION SOLUTION FOR SCANNING AND AGGREGATING SERIALIZATION CODES



Product description

The Multi Code Reader quality control system is used to scan and aggregate a large number of serialization codes. The system can automatically scan up to 500 individual packages at one time and transfer the codes to an application-specific partner cloud for

verification purposes. The scan results are shown on a touch display. A mobile hand-held scanner for manual rescan of individual codes and the build-in SICK Remote Service for tailored remote servicing help ensure a high system availability.

At a glance

- Two operating modes: identification and aggregation
- Various cloud connectors to choose from as a plug and play solution
- SICK Remote Service with scope of support ranging from 8 h on 5 days per week (8/5) to round the clock (24/7)
- Integrated mobile hand-held scanner
- Touch display with intuitive user interface

Your benefits

- Saves time and personnel costs thanks to automated scanning of up to 500 codes per bulk read
- Allows different packaging characteristics, for example film-wrapped boxes, and different box heights (up to 31 cm difference allowed)
- Clear display of the status and number of codes read
- Aggregation mode ensures an efficient and cost-saving process
- Security of Investment thanks to flexible connection of the system to the cloud provider via LAN, WLAN or GSM
- Maximum system availability thanks to tailored remote service



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Additional information

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→ www.sick.com/Multi_Code_Reader

For more information, simply enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples, and much more.



Detailed technical data

The exact device specifications and performance data of the product may deviate from the information provided here, and depend on the application in which the product is being used and the relevant customer specifications.

General notes

Items supplied	Multi Code Reader Power supply unit Connecting cable Cloud connectors: Arvato Platbricks, medApsis, metacarp (more available individually)
Smallest height threshold above the container floor	0.35 mm

Features

Applications	Identification solution for scanning and aggregation of serialization codes
Industries	Health care manufacturing Retail and warehousing Courier, express, parcel, and postal
MTTR	< 10 min
Laser class	1 (EN 60825-1:2014, IEC 60825-1:2014)
Depth of field	310 mm
Version	North America and Latin America / Europe, Middle East, Africa, Asia Pacific (depending on type)

Performance

1D code types	All current code types
2D code types	Data Matrix
Number of codes per scan	≤ 500

Interfaces

Configuration interface	Ethernet (RJ45)
Output data	http REST

Mechanics/electronics

Dimensions, system (L x W x H)	1,550 mm x 780 mm x 580 mm
Enclosure rating	IP20 (DIN 40050)
Electrical connection	1 x Power connector
Supply voltage	(100 V AC ... 264 V AC)
Weight	64 kg

Ambient data

Ambient temperature, operation	0 °C ... +50 °C
Ambient temperature, storage	-20 °C ... +70 °C
Permissible relative humidity	85 %, Non-condensing

Ordering information

- **Tasks:** Identification solution for scanning and aggregation of serialization codes

Version	Type	Part no.
North America and Latin America	MCR	1119693
Europe, Middle East, Africa, Asia Pacific	MCR	1104897



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SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 10,400 employees and over 50 subsidiaries and equity investments as well as numerous agencies worldwide, SICK is always close to its customers. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents, and preventing damage to the environment.

SICK has extensive experience in various industries and understands their processes and requirements. With intelligent sensors, SICK delivers exactly what the customers need. In application centers in Europe, Asia, and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes SICK a reliable supplier and development partner.

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Detailed addresses and further locations → www.sick.com

The logo for Kreski, featuring the word "Kreski" in a bold, italicized sans-serif font. The letter "K" is stylized with a red horizontal bar extending from its base.

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