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SENSINGCAM SEC200

DECODE MORE. FOR LESS.

How the SEC200 enables reliable code reading, traceability, and process automation

SICK

Sensor Intelligence

RELIABLE AND SIMPLE CODE READING

Standard code reading applications require a solution that is easy to deploy, reliable in operation, and flexible enough to support a wide variety of industries.

The sensingCam SEC200 delivers dependable identification performance for hand-presented, stationary, or moving codes. Designed as a cost-effective entry-level solution, it combines sensor simplicity with industrial-grade robustness to ensure stable processes and efficient operations.



PURPOSE-BUILT PERFORMANCE

- Reliable reading of 1D and 2D codes in industrial environments
- Stable decoding performance
- Designed for stationary and moving object identification

BUILT TO LAST

- Industrial-grade housing for long-term operation
- IP65-rated protection and EMC shielding
- Designed for continuous industrial use



BROAD APPLICATION COVERAGE

- Stationary code reading
- Operator-presented scanning
- Moving object code verification
- Suitable for automotive, electronics, consumer goods, logistics, machine building, and many more.

EASY OPERATION

- Webserver-based configuration and commissioning
- Fast access to essential functions without additional software
- Easy cloning and deployment of device settings
- Clear visual and acoustic feedback

Learn more

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STATIONARY CODE READING

RELIABLE IDENTIFICATION OF STATIONARY OBJECTS

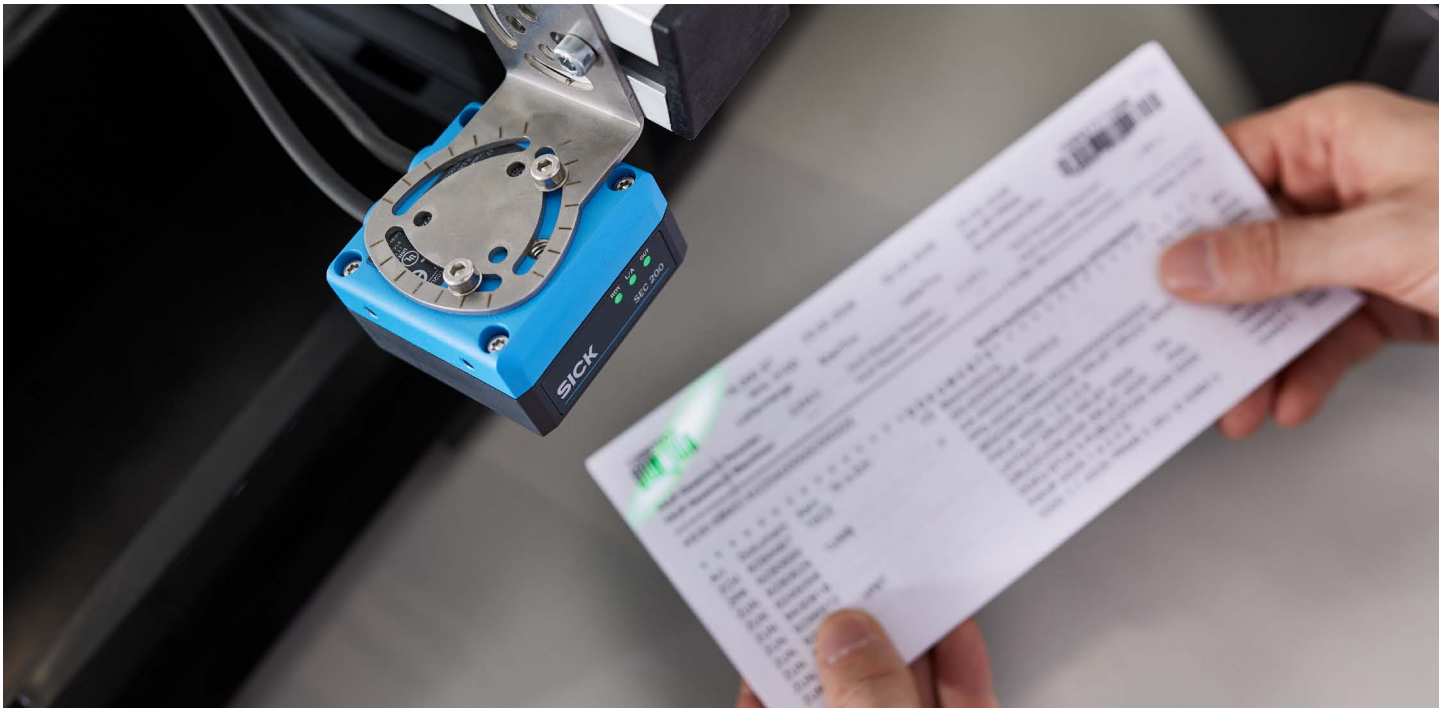
In stationary code-reading applications, objects remain fixed while codes are captured.

The sensingCam SEC200 automatically reads single or multiple 1D/2D codes without operator intervention, providing a simple and cost-effective solution for standard identification tasks.

Its imaging technology delivers reliable results across various code types and print qualities while minimizing setup complexity.

TYPICAL APPLICATIONS

- **IDENTIFICATION OF CODES IN PAPER PROCESSING**
Format changes are frequent during punching and cutting processes. Using 1D and 2D codes to identify the order ensures that the correct settings are available quickly and reliably.
- **IDENTIFICATION OF WAFER CARRIERS**
The SEC200 identifies the wafer via the 1D or 2D codes attached to the wafer carrier. An integrated aiming laser, auto-focus, auto-setup, and green feedback LED make it very user-friendly.
- **IDENTIFYING THE SHEET METAL COILS**
Important information such as type of material, sheet thickness, sheet width and additional parameters and properties are contained in the barcodes.
- **RACK IDENTIFICATION**
The SEC200 reads the identification number of the rack that contains the motor block pallets. This ensures traceability of the various batches.
- **IDENTIFICATION OF DATA MATRIX CODES**
When mounting electronic devices such as smartphones, all components and assemblies can be traced using very small 2D codes of up to 0.04 mm in cell size.



OPERATOR-PRESENTED SCANNING

HAND-PRESENTED SCANNING FOR MANUAL WORKSTATIONS

The sensingCam SEC200 automatically detects and reads codes as items are presented in front of the device. No manual triggering is required. Its wide reading range and fast response time help streamline manual processes while providing immediate operator feedback through visual and acoustic indicators.

KEY BENEFITS

- Stable performance across varying presentation positions
- Instant good-read feedback through LEDs and audio signals
- USB plug-and-read installation available
- Easy parameter cloning for multiple stations



TYPICAL APPLICATIONS

→ BARCODE READING AT PICKING STATIONS

Automatic barcode identification at picking stations for fast, accurate order verification and improved fulfillment efficiency.

→ BARCODE READING FOR TRACEABILITY

Reliable barcode identification of hand-presented components ensures end-to-end traceability in assembly processes.



MOVING OBJECT CODE READING

SEAMLESS VERIFICATION ON MOVING PRODUCTION LINES

For production environments where products remain in motion, the sensingCam SEC200 captures images on the fly and verifies codes without interrupting throughput. The system ensures reliable reads at moderate conveyor speeds while maintaining straightforward deployment and operation.

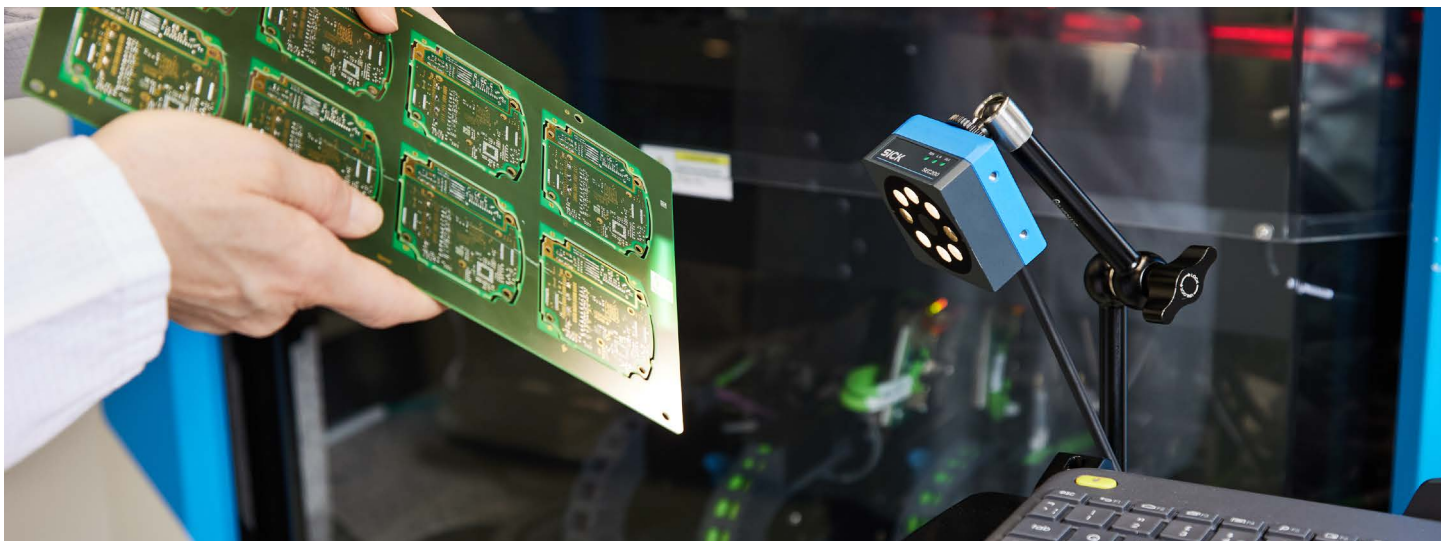
KEY BENEFITS

- Reliable identification of moving objects
- Continuous operation in industrial environments
- Simplified integration into conveyor systems
- Consistent performance across multiple production lines



TYPICAL APPLICATIONS

- **CODE VERIFICATION IN PACKAGING**
Automatic code reading verifies product content, labels, inserts, and packaging for reliable traceability.
- **COMPONENT VERIFICATION**
Component identification during device assembly improves transparency, quality assurance, and production traceability.
- **IDENTIFICATION OF DATA MATRIX CODES**
Automatic reading of Data Matrix codes on electronic components ensures accurate identification and end-to-end production traceability.



COST EFFECTIVE CODE READING

SIMPLIFY YOUR DECODING PERFORMANCE

The sensingCam SEC200 delivers dependable decoding performance by combining simple sensor operation with clear, reliable vision technology – ideal for standard code reading tasks.

INDUSTRIAL-GRADE RELIABILITY

The sensingCam SEC200 is designed for industrial environments and provides reliable code reading day after day. Its robust, industry-ready hardware supports stable operation where reliability matters most.

SEAMLESS CODE READING EXPERIENCE

The sensingCam SEC200 is built for easy installation, configuration and integration. Minimized setup effort and intuitive usability ensure a seamless, stress-free user experience.



SENSINGCAM SEC200

Cost-effective and intuitive camera-based 1D and 2D code identification

- Working distance 100 mm – 300 mm
- Set up in minutes, ready to use instantly: Configuration via web server
- Start scanning instantly. No training required: LED alignment aid, feedback LED and acoustic signal
- Easy to integrate into workstations and systems: Plug and play via Ethernet or USB connection
- High image quality for impressive scan results: 1.3 megapixel resolution
- Reliable performance even in demanding environments: IP65 enclosure rating

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