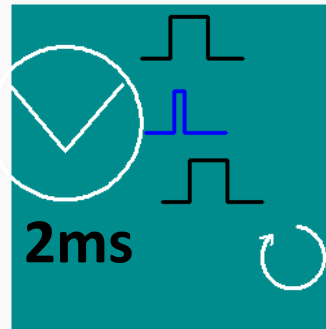


getCode:

High-speed camera system



Field of reading:
Standard 80 X 60
Optional 120 X 90

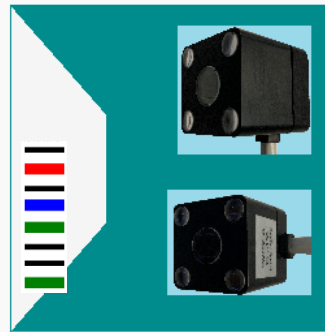


300 readings/ S possible

Trigger
Acquisition +
Evaluation >2ms
Result



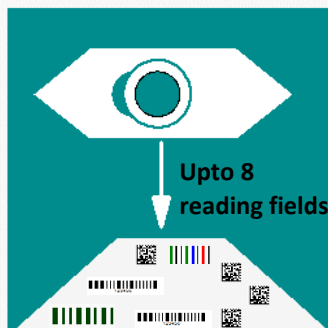
Decoder for all common code
types
Also codes with colored bars



Cable management
(Parallel to the code)

Cable management
(90° to the code)

Rotation of the camera by
90° possible



Upto 8
reading fields



Decoder
for GS1 code and data

getCode can compete with all code readers on the market due to its robust features, upgraded with an ARM Cortex-A72 processor with 1.5 GHz. Using the most advanced vision chip and fast processor, the camera is capable of capturing images up to 1000 frames per second. These features allow the camera unlimited possibilities of global inspection tasks.

getCode - always the right camera solution of the house SysTec



The getCode camera offers high-quality solutions for individual inspection tasks and applications. The camera is primarily designed for code inspection for the pharmaceutical industry. The camera completes the range of inspection systems such as the TE5000, which are used tens of times in the packaging industry. The development of the camera enables the company SysTec to solve the tasks of the customers in a timely, precise, and customized manner. These solutions can be standard and complicated special solutions.

Due to the very compact design, the getCode camera can be easily mounted even in areas of machines that are difficult to access. From the high-density solution with high reading rates of up to 300 readings per second to the low-density solution for larger reading areas, the getCode camera has the right camera solution.

Features at a glance

Secure code identification and seamless documentation at high speeds of up to 300 reads per second.

Reading of all common codes (1D, 2D, OMR, Pharmacode), plain text reading OCR/OCV as well as addresses.

High resolution 1440 X 1080-pixel sensor chip (color sensor is optional)

Long term availability of both the processor and the sensor chip, providing the user with a very high level of planning reliability.

Flexible solutions in the high, standard and low-density range with module sizes from 0.1 mm.

Quality control of label printing and provision of print quality parameters in accordance with ISO 16022 and ISO 15415.

Remote optoelectronic head with internal illumination for flexible use even in hard-to-reach areas.

High depth of field +/- 20 mm of the camera.







Fully integrated lens and integrated LED illumination with polarizing filter.

Ethernet, UDP, TCP/IP, and RS232 as possible interfaces.

Operable via internal webserver

The web browser allows the camera to be used as a stand-alone solution and simplifies camera setup without additional software.

Real-time visualization of all connected cameras on a packaging line possible via a separate HMI.

Pharma code  123456	Code 39  getCode22	Barcode Interleaved 2/5  0123456	OCR + Code  123ABC435	Datamatrix 	Pattern Matching 
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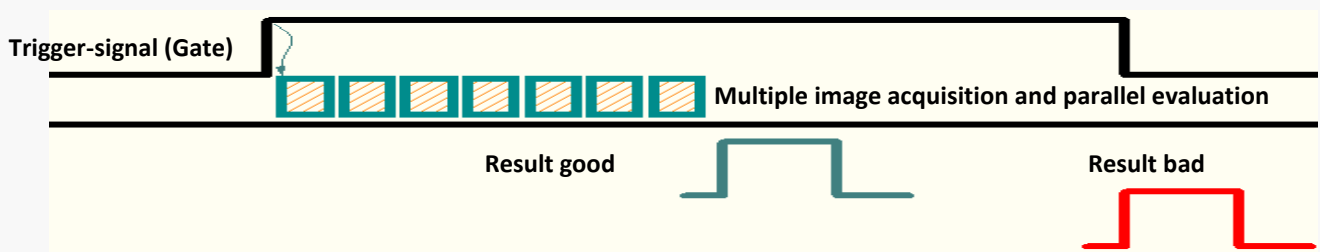
Varieties of reading getCode:

- 1- „OneShot reading" and output of the result ASAP: For this purpose, the camera captures only one image and then evaluates the captured image.
If the result is Ok, the result is immediately output as Good.
If the result is not Ok, the bad result is output at the end of the trigger.



- 2- "Multiple reading" and output of the result ASAP: For this purpose, the camera captures several images and then evaluates the captured images one after the other in parallel with the other images.
If the result is Ok, the result is output as Good immediately.
If the result is not OK, the bad result is output at the end of the trigger.

Fields of application: Folding machines and all inspections where the position of the code is not clearly defined. In the application, the setting of the gate signal remains the same for all applications.

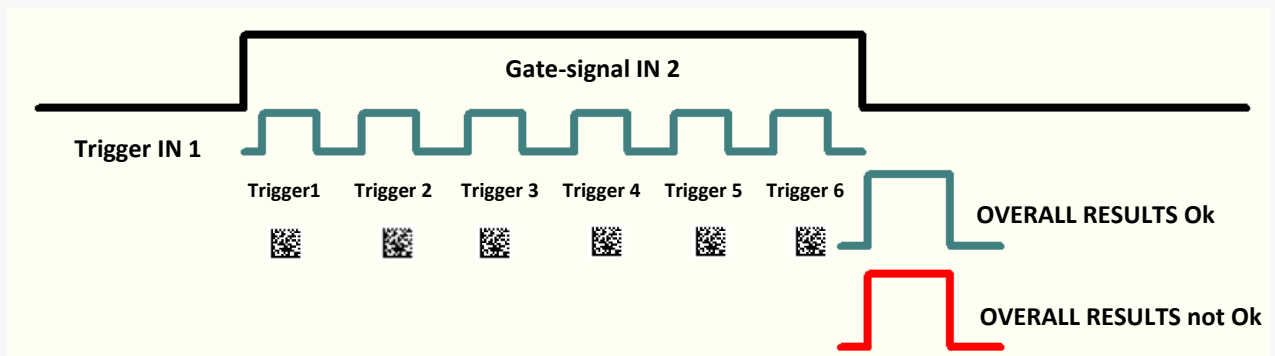


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- 3- „Multiple reading of several codes " and output of the result at the end of the gate:
- For this purpose, a number of the set products are scanned during a gate signal. The camera captures an image at each trigger and stores the results internally. The result for all captured images is output at the end of the gate signal.
- If the number of reads and good reads match the preset number of products, a good signal is generated at the end of the gate signal.
- If the number of readings and good readings does not match the preset number of products, a bad signal is generated at the end of the gate signal.

Application area: rubbing feeders where several products are packed in one package and an overall result of the readings is expected by the control system of the line or packaging machine.



In the near future, the camera will be expanded as a standard camera from SysTec to include functions for all other inspection tasks in the pharmaceutical, packaging and cosmetics industries. In this way, we achieve lean warehousing of the devices at the customer.

Due to the 100% in-house development of the camera at SysTec, the door is wide open for all special solutions.

If the characteristics of the camera have aroused your interest, simply contact us.

Team SysTec GmbH