



sensingCam SEC100

Industrial streaming camera for process monitoring, documentation, and error analysis

SICK
Sensor Intelligence.

Advantages



Real-time monitoring made easy

With functions such as live streaming, image capture and event recording, the sensingCam SEC100 offers comprehensive solutions for monitoring critical processes, quality documentation, and fast error analysis.



Streaming

The sensingCam SEC100 enables a live stream for monitoring critical processes and difficult-to-see areas. The RTSP and MJPEG stream and the REST API make it easy to integrate the live stream into existing systems such as HMIs or displays.



Image capture

Using the integrated image recording function, the camera creates images for quality documentation. This is particularly useful for shipping service providers to document the quality and completeness of shipped goods.



Event video recording

In the event of unplanned machine stops and sporadic errors, the event recording function supports rapid root cause analysis. The camera records event videos before and after a trigger signal thereby ideally documenting the error sequence.



Ability to Immediately respond to critical events. Optimized processes through reliable and seamless real-time monitoring.



The perfect camera for industrial use

The sensingCam SEC100 is a rugged, cost-effective streaming camera designed for use in industrial environments. It offers an impressive image quality, even in poor lighting conditions.



High image quality

The sensingCam SEC100 delivers good image quality even in poor lighting conditions. The modern 5 megapixel color sensor produces clear and detailed images.



Rugged design

The IP65 housing and protected optics make the camera ideal for industrial use. The M12 connections ensure a stable and robust connection.



Easy installation

The camera is quick and easy to mount and commission. Numerous mounting options and the integrated web server enable quick installation and commissioning without additional software.



The uncomplicated installation and versatile application possibilities make the sensingCam SEC100 ideal for efficient and flexible process monitoring.



Technical data overview

Communication interface	REST API, Ethernet
Configuration software	Web server integrated
Technology	2D snapshot, streaming 2D snapshot, streaming, event recording (depends on variant)
Event recording video format	MP4
Event recording buffer	10 s at 2880 x 1616 p 20 s at 1920 x 1080 p (Full HD) 40 s at 1280 x 720 p (HD) and below
Event recording trigger	Digital input or software trigger via REST API

Product description

The sensingCam SEC100 is a cost-effective and easy-to-use streaming camera that has been specially developed for industrial use. The camera offers a live stream that makes it possible to monitor critical processes and blind spots. Using the integrated image recording function, the device can create images, e.g. for quality documentation. In the event of unplanned machine stops and sporadic errors, the event recording function supports rapid root cause analysis by recording event videos before and after a trigger signal.

At a glance

- Recording of event videos 40 seconds before and 40 seconds after an event
- 5 megapixel color camera with RTSP or MJPEG stream
- Acquired images can be saved on the device or transferred to a server via FTP
- Integrated web server
- Rugged housing: IP65 enclosure rating, protected optics and M12 connections
- Mounting with M4 screws or 1/4-inch camera thread

Your benefits

- Fast analysis of sporadically occurring machine errors thanks to event recording function
- Real-time monitoring of blind spots
- Capturing of images to document product quality
- Quick and easy commissioning without additional software
- The camera is suitable for use in harsh industrial environments
- Wide range of mounting options

Fields of application

- Error analysis for unplanned machine stops
- Process optimization and monitoring of critical processes
- Documentation of product quality or the completeness of deliveries
- Remote control of systems and processes

Ordering information

Other models and accessories → www.sick.com/sensingCam_SEC100

- **Sensor:** Powerful in low light
- **Shutter technology:** Rolling-Shutter
- **Sensor resolution:** 2,880 px x 1,616 px (5 Mpixel)
- **Detection angle:** 82° x 52°

Working distance	Technology	Type	Part no.
0.3 m ... 10 m	2D snapshot, streaming	SEC100-5C9D1SFZ	1143217
	2D snapshot, streaming, event recording	SEC110-5C9D1SFZ	1144993

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. 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.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our 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 us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations www.sick.com