



CLX49x

The all-in-one solution for omni-directional scanning

SICK
Sensor Intelligence.



Technical data overview

Optical focus	Auto focus
Aperture angle	≤ 60°
Scanning frequency	600 Hz ... 1,200 Hz
Code resolution	0.3 mm ... 1 mm
Reading distance	500 mm ... 1,750 mm
Weight	2,000 g

Product description

Optimize your logistics processes using the CLX490. It is a compact, industrial omni-directional scanner. It incorporates automatic focus, SMART code reading technology, a high scan rate and package tracking into one unit. The CLX490 allows small object spacing through its integrated tracking function. And, the scanner's automatic focus control feature provides a large depth of field up to 800 mm (32 inches). SICK's CLX490 ensures that your logistics processes will keep up with future market demands.

At a glance

- Real-time auto focus function
- Independent of tilt (omni-directional barcode reading)
- Reliable code detection in real time due to SMART technology
- Smallest housing with auto focus and reading range up to 2.2 m
- External parameter cloning plug
- High scanning frequency of up to 1,200 Hz
- Large depth of field
- Optional internal heater

Your benefits

- No additional controller needed in stand-alone applications to cover small object gaps, reducing costs
- No supplementary components necessary for changing focus position, reducing costs
- Can be used in omni portal systems as additional side scanners
- SMART-enhanced read rates enable better performance with damaged or poorly printed codes
- External parameter cloning plug ensures very short MTTR

Ordering information

Other models and accessories → www.sick.com/CLX49x

- **Optical focus:** Auto focus
- **Max. reading distance:** ≤ 1,750 mm
- **Code resolution:** 0.3 mm ... 1 mm
- **Enclosure rating:** IP65

Type	Part no.
CLX490-0010	1019318
CLX490-0011	1019319

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