CLV69x

The highest level of flexibility and power

FIXED MOUNT BAR CODE SCANNERS

SICK
Sensor Intelligence.

Technical data overview

Optical focus	Auto focus
Aperture angle	≤ 60° / ≤ 50° (depending on type) (depending on type)
Scanning frequency	400 Hz ... 1,200 Hz
Code resolution	0.17 mm ... 1.2 mm (depending on type) (depending on type)
Reading distance	400 mm ... 2,200 mm (depending on type) (depending on type)
Ethernet	✓, TCP/IP
PROFINET	✓, optional over external fieldbus module
EtherNet/IP™	✓
Serial	✓, RS-232, RS-422, RS-485
CAN	✓
PROFIBUS DP	✓, optional over external fieldbus module
DeviceNet™	✓, Optional, over external connection module
Weight	1,500 g / 2,200 g (depending on type) (depending on type)

Product description

The CLV69x fixed mount bar code scanner offers an excellent reading performance, high-speed processing and a high level of reading accuracy. The auto focus function is based on built-in distance measurement technology and makes it possible to have height-independent code reading within the reading field. Simple and user-friendly parameterization is guaranteed using the standard SOPAS ET operating system from SICK. Due to built-in SMART+ code reconstruction technology, the CLV69x can read heavily contaminated or partially damaged bar codes, as well as those with a high angle of tilt. With its integrated tracking, the CLV69x can handle standard applications without an additional system controller. The innovative connectivity with built-in parameter storage not only enables fast, simple scanner replacement, but also easy integration into a variety of applications.

At a glance

- Advanced SMART+ code reconstruction technology
- New and flexible cloning plug technology
- CAN, Ethernet and serial communications available on board (dependent on cloning plug variant)
- Large depth of field due to real-time auto focus
- Consistent, user-friendly "SOPAS ET" software
- Built-in tracking without the use of an additional system controller
- Flexible sorting, filtering, and logical functions
- Integrated LED bar graph with pushbuttons

Your benefits

- Higher reading rate on damaged, heavily contaminated and partially damaged bar codes using the SMART+ algorithm
- Increased processing allows for faster and more accurate performance on demanding applications
- Fewer costs since no additional Ethernet gateway is required when using the Ethernet clone plug
- Time savings during commissioning thanks to integrated buttons and bar graph
- Increased scanner intelligence enables sophisticated configuration of logical operations, reducing the control system programming effort. Data is delivered in the desired format
- Cost savings since standard applications can be implemented without an additional system controller due to integrated tracking

Fields of application

- Courier, express, parcel and postal services (CEP)
- Airport luggage identification – ALIS applications
- OMNI-directional bar code reading
- Integration in RFID hybrid systems and high-end camera tunnels
- Pallet identification

Ordering information

Other models and accessories ➜ www.sick.com/CLV69x

- **Optical focus:** Auto focus
- **Connection type:** depending on the cloning plug used
- **Scanning method:** Line scanning
- **Enclosure rating:** IP65

Reading field	Front screen	Heating	Type	Part no.
Oscillating mirror	Glass	✓	CLV690-1001	1056603
			CLV691-1001	1056607
			CLV692-1001	1056611
		–	CLV690-1000	1056601
			CLV691-1000	1056605
			CLV692-1000	1056609
Front	Glass	✓	CLV690-0001	1056602
			CLV691-0001	1056606
			CLV692-0001	1056610
		–	CLV690-0000	1056600
			CLV691-0000	1056604
			CLV692-0000	1056608
	Plastic	–	CLV690-0010	1056614

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**

SICK AG | Waldkirch | Germany | www.sick.com