



CLV42x

Small in size, big in user friendliness

SICK
Sensor Intelligence.



Technical data overview

Optical focus	Fixed focus
Aperture angle	≤ 50°
Scanning frequency	400 Hz ... 1,200 Hz
Code resolution	0.15 mm ... 1 mm (depending on type)
Reading distance	55 mm ... 730 mm (depending on type)
Weight	250 g / 320 g (depending on type)

Product description

The CLV42x series is a fixed focus bar code reader used in applications requiring large depth of field. The CLV42x's compact design makes it ideal for applications where space is limited, without sacrificing speed or dependability. With read rates up to 1200 scans per second, this bar code scanner has excellent reading performance even at high transport speeds. The scanners' integrated CAN bus makes multi scanner Master/Slave networks possible. The auxiliary diagnostic interface, together with SICK's CLV Setup software, make them easy to setup and user friendly.

At a glance

- Easy to configure
- Small housing
- Standard, long-range and high-density versions available
- Front or side reading window versions
- CAN bus compatible
- High scanning frequency of up to 1,200 Hz
- Compatible with optional fieldbus gateways

Your benefits

- Accurate code identification even at high speeds
- Easily integrated into a variety of networks, providing flexibility
- Compact design and easy operation enable installation in situations with limited space
- A variety of diagnostic options ensures easy access for configuration and troubleshooting
- Excellent price/performance ratio
- Parameter cloning plug ensures very short MTTR

Ordering information

Other models and accessories → www.sick.com/CLV42x

- **Optical focus:** Fixed focus
- **Enclosure rating:** IP65

Max. reading distance	Code resolution	Type	Part no.
≤ 200 mm	0.15 mm ... 0.5 mm	CLV422-0010	1022548
		CLV422-1010	1022619
		CLV422-2010	1022620
		CLV422-3010	1022621
≤ 365 mm	0.2 mm ... 1 mm	CLV420-0010	1022031
		CLV420-1010	1022032
		CLV420-2010	1022033
		CLV420-3010	1022034
≤ 730 mm	0.35 mm ... 1 mm	CLV421-0010	1022547
		CLV421-1010	1022616
		CLV421-2010	1022617
		CLV421-3010	1022618

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