



CLV60x

Reliable reading performance in the smallest of spaces

FIXED MOUNT BAR CODE SCANNERS

SICK
Sensor Intelligence.



Technical data overview

Optical focus	Fixed focus
Aperture angle	≤ 71° / ≤ 62° (depending on type) (depending on type)
Scanning frequency	750 Hz
Code resolution	0.125 mm ... 0.5 mm (depending on type) (depending on type)
Reading distance	15 mm ... 105 mm (depending on type) (depending on type)
Serial	✓, RS-232 / ✓ (depending on type) (depending on type)
USB	✓
Weight	230 g / 170 g (depending on type) (depending on type)

Product description

Do you need a bar code to be reliably identified by the code reader despite a small reading distance with few distance variations, fixed orientation, and a very small amount of space? Do you also need to stick to a limited budget? As a starter model, the CLV60x fixed mount bar code scanner with 2kpixel CMOS sensor offers reliable bar code reading at outstanding value for money. It is compact and features excellent reading performance even with short reading distances, so you only need a small amount of space. Thanks to its high scanning frequency of 750 Hz, it is also suitable for fast applications. The CLV60x can be configured quickly and easily using the SOPAS ET software.

At a glance

- High reading field height even at a 30 mm reading distance
- 2K pixel CMOS technology
- LED status indicator detectable from virtually every direction
- Adaptation to customer requirements as an optional service
- 750 Hz scanning frequency
- Reading window on the front or on the side

Your benefits

- Minimal space requirements for integration in even the smallest machines
- High performance at a cost-efficient price
- It's a sound investment thanks to the long-term availability of CMOS technology and proven SICK quality
- The optional adaptation to customer requirements saves time and money during commissioning
- Easy operation and installation with the SOPAS ET user interface and the ingeniously positioned LED status indicator
- RS-232 or USB interface to connect to a control or an industrial computer

Fields of application

- Medical technology: clinical analysis
- Identification of bar codes immediately after printout
- Automated object identification in applications with very little space, such as reading bar codes in rolls of film
- OEM applications, such as ticket or cash register systems, or integration on a robot arm

Ordering information

Other models and accessories → www.sick.com/CLV60x

- **Optical focus:** Fixed focus
- **Scanning method:** Line scanning
- **Enclosure rating:** IP40
- **Front screen:** plastic

Connection type	Reading field	Type	Part no.
1 x 9-pin D-sub male connector (2 m)	Front	CLV601-0D200	1079204
		CLV602-0D200	1107574
	Side	CLV601-1D200	1079206
1 x USB A male connector (1.5 m)	Front	CLV601-0U110	1079205
	Side	CLV601-1U110	1079207

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