



## CLV65x

Always in auto focus

**FIXED MOUNT BAR CODE SCANNERS**

**SICK**  
Sensor Intelligence.



### Product description

The CLV65x high-performance scanner with auto focus system identifies bar codes with different module widths of 0.25 mm through 1.0 mm and has an extremely high depth of field. Depending on module width, reading widths of up to 1,600 mm at a depth of field of 1,425 mm can be achieved. It combines high-performance reading with the further enhanced SMART code reconstruction system, a reading algorithm that can accurately detect and decode bar codes even if they are damaged, poorly printed, or partially covered. The entire product family is designed to be so flexible that almost any reading requirement and output format can be met perfectly. Diagnosis data such as reading rate statistics, scanner monitoring data, etc. can be called up via the integrated web server without the need for additional software.

This scanner, with integrated Ethernet and auto focus system, is the most compact in its class and is ideally suited for use in storage and conveyor systems. An oscillating mirror variant is also available.

### At a glance

- Huge depth of field due to auto focus
- Integrated function buttons, e. g., for starting auto setup or reading quality evaluation
- CAN, Ethernet TCP/IP, PROFINET, and EtherNet/IP on board. No additional Ethernet gateway required (for “Ethernet” connection type)
- Enhanced SMART code reconstruction technology
- Flexible sorting, filtering, and logical functions
- Integrated web server for diagnostic data and network monitoring
- Advanced, easy-to-use SOPAS configuration software
- Integrated LED bar graph

### Your benefits

- Cost-effective, as auto focus means no variants or additional light barriers are required for focus adjustment
- Intelligent auto setup and multi-function pushbuttons save time during commissioning
- Easily execute firmware updates using the microSD memory card: no need for a PC
- Enhanced SMART technology reads damaged and partially obscured codes, increasing read rates
- Increased scanner intelligence enables sophisticated configuration of logical operations, reducing the control system programming effort. Data is then delivered in the desired format
- Integrated web server provides remote diagnostics and monitoring; no additional software is required

Ordering information

Other models and accessories → [www.sick.com/CLV65x](http://www.sick.com/CLV65x)

- **Optical focus:** Auto focus
- **Scanner design:** Line scanner
- **Enclosure rating:** IP65
- **Front screen:** Glass

Connection type	Reading field	Heating	Type	Part no.
Ethernet	Oscillating mirror	✓	CLV650-6120F0	1053104
		-	CLV650-6120	1042125
			CLV650-68300A	1050848
			CLV651-6120	1046560
			CLV651-68300A	1050849
	Front	✓	CLV650-0120F0	1058893
		-	CLV650-0120	1042121
			CLV650-08300A	1050845
			CLV651-0120	1046558
			CLV651-08300A	1050847
	Front, with polarizing filter	-	CLV650-0120S01	1051957
	Cable	Oscillating mirror	✓	CLV650-6000F0
-			CLV650-6000	1042124
			CLV651-6000	1046559
Front		✓	CLV650-0000F0	1052180
		-	CLV650-0000	1041290
			CLV651-0000	1046557

## 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](http://www.sick.com)