



CLV Identification System

1D code identification for an optimal object flow

TRACK AND TRACE SYSTEMS

SICK
Sensor Intelligence.



Technical data overview

Industries	Courier, express, parcel, and postal Retail and warehousing Airport (depending on type)
Products by tasks	Identification
Transport speed	0 m/s ... 2.5 m/s (Depending on code height) (depending on type)
Minimum object distance	50 mm / 150 mm (depending on type)



Product description

The CLV Identification System Track and trace system identifies 1D codes on objects regardless of the object shape and code size. The system features high-performance laser scanners and a real-time auto-focus function with a high depth of field. Thanks to the integrated tracking function, the bar code that is read can be assigned to the correct object even at high conveyor speeds and with very small gaps between the objects. The CLV System precisely detects and reads bar codes with a module width of just 0.17 mm or higher. Its reliable and consistent reading performance ensures an optimal object flow in all areas of logistics.

At a glance

- Integrated interface for SICK diagnostics software
- Modular system setup
- Up to 6-line reading
- Mirror hoods enable use in tight installation conditions
- Redundant system design on request

Your benefits

- Consistently high reading performance even for damaged, contaminated and partially covered bar codes thanks to the improved SMART+ reading algorithm
- Custom object positioning thanks to omnidirectional reading
- Optimized object flow thanks to high read rate regardless of the object shape
- Shorter downtimes through fast scanner replacement thanks to modern connection technology with integrated parameter memory
- Long service life thanks to very high MTBF (mean time between failures)

Fields of application

- 1D code identification in all areas of conveying technology

Ordering information

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

OPS

Type	Part no.
ALIS Laser	On request
OPS	On request

Twinhead CLV65x

Type	Part no.
Twinhead CLV650	1056482
Twinhead CLV650 OSCM	1061634

Sensor resolution	Type	Part no.
High resolution	Twinhead CLV692	1061483
	Twinhead CLV692 OSCM	1061484
Low resolution	Twinhead CLV691	1061481
	Twinhead CLV691 OSCM	1061482
Standard resolution	Twinhead CLV690	1061479
	Twinhead CLV690 OSCM	1061480

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