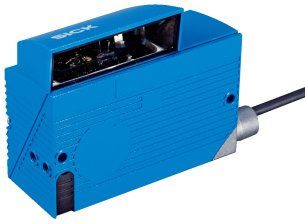# CLV61x Dual Port

The network professional

FIXED MOUNT BARCODE SCANNERS

SICK
Sensor Intelligence.

CLV61x Dual Port

FIXED MOUNT BARCODE SCANNERS

Technical data overview

Optical focus	Fixed focus
Aperture angle	≤ 50°
Scanning frequency	400 Hz ... 1,000 Hz
Code resolution	0.35 mm ... 1 mm (depending on type)
Reading distance	25 mm ... 705 mm (depending on type)
EtherCAT	✓
USB	✓
PROFINET	✓
Weight	290.5 g ... 345.8 g (depending on type)

Product description

The powerful, compact fixed mount barcode scanners of the CLV61x Dual Port product family are specially attuned to the requirements of intralogistics. The integrated PROFINET with two facilities for connecting (Dual Port) makes it easy to integrate them into line and ring topologies for control systems. Parameterization directly into the control environment or the intuitive SOPAS ET user interface enables quick integration into the system. The devices feature an Ethernet interface and either a USB interface or a microSD memory card. Status indicator LEDs allow you to diagnose the read results and operational status quickly and effectively. Device variants with integrated heating also enable controlled and economical identification of objects even in cold storage units.

At a glance

- Straightforward PROFINET connection
- Minimal cabling complexity thanks to line and ring topologies
- PROFINET with integrated switch (Dual Port)
- Optimal reading field for intralogistics applications
- Compact design
- USB interface or microSD memory card
- Adjustable scanning frequency of up to 1,000 scans per second

Your benefits

- Installed switch for easy installation and implementation of line and ring topologies
- Integrated cable for easy voltage supply via flat ribbon cable
- Compact housing with swivel connector makes it easier to mount the sensor – even where space is tight
- Simple parameterization process via additional USB interfaces
- Local parameter closing using a microSD memory card for very high plant availability
- Scanner variants with integrated heating and/or hardware input offer the highest level of flexibility for each application
- Adaptive temperature regulation for energy-efficient identification in cold storage environments (type-dependent)
- Parameterization directly into the control environment or the intuitive SOPAS ET user interface enables quick integration into the conveyor system

Fields of application

- Warehouse conveyor technology: container identification, picking station, cold storage

Ordering information

Other models and accessories ➜ www.sick.com/CLV61x_Dual_Port

- **Optical focus:** Fixed focus
- **Communication interface:** EtherCAT®, USB
- **Type:** Rotary angle variant dual port (5-pin)
- **Hardware input:** ✔
- **Sensor type:** Line scanner
- **Enclosure rating:** IP65

Max. reading distance	Type	Part no.
≤ 330 mm	CLV615-Dxxxx	On request
≤ 683 mm	CLV618-Dxxxx	On request

- **Optical focus:** Fixed focus
- **Communication interface:** PROFINET, USB
- **Type:** Rotary angle variant dual port (4-pin)
- **Sensor type:** Line scanner
- **Enclosure rating:** IP65

Max. reading distance	Heating	Type	Part no.
≤ 330 mm	✔	CLV615-D2410F0	1078175
	–	CLV615-D2410	1068608
≤ 683 mm	–	CLV618-D2410	1073188

- **Optical focus:** Fixed focus
- **Communication interface:** PROFINET, USB
- **Type:** Rotary angle variant dual port (5-pin)
- **Hardware input:** ✔
- **Enclosure rating:** IP65

Max. reading distance	Sensor type	Type	Part no.
≤ 330 mm	Line scanner	CLV615-D2520	1075150
≤ 683 mm	Line scanner	CLV618-D2520	1078582
≤ 705 mm	Raster scanner	CLV618-D1520	1075152

- **Optical focus:** Fixed focus
- **Communication interface:** PROFINET
- **Type:** Rotary angle variant dual port (5-pin)
- **Memory card:** ✔
- **Hardware input:** ✔
- **Sensor type:** Line scanner
- **Enclosure rating:** IP65

Max. reading distance	Type	Part no.
≤ 330 mm	CLV615-D2540	1091389
≤ 683 mm	CLV618-D2540	1091390

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

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