CDE

Easy sensor integration into PoE environments

4DPROCONNECTIVITY

SICK
Sensor Intelligence.

Technical data overview

Supported products	CLV62x, CLV63x, CLV64x, CLV65x, CLV69x, Lector® series, RFID read/write device

Product description

The CDE connection module enables easy and cost-effective integration of SICK sensors into Power over Ethernet (PoE) environments. The connection module can be used, for example, to integrate 4Dpro identification sensors such as 1D and 2D code readers and RFID read/write devices into such environments. The CDE acts as a PoE splitter, splitting PoE signals into a 24-volt voltage supply and an Ethernet data line. Depending on the device version, the LEDs integrated in the housing cover of the connection module visualize the received sensor signals. Digital input and output signals can be integrated using an additional I/O connection. With two screws and a plug-in type suitable for all electrical connections, the CDE is very easy to mount on the system.

At a glance

• Integrates devices without PoE interface into PoE environments
• Splits the PoE signal into a 24 V voltage supply and Ethernet data line
• LEDs in the housing cover for visualizing received sensor signals
• Integration of digital I/Os
• Plug-in electrical connections
• Compact housing

Your benefits

• Cost-efficient solution for the integration of SICK sensors into PoE environments
• Time savings due to less required cabling, cost savings due to fewer connection cables
• Exact overview of the received sensor signals, such as "Good Read" or "No Read", visualized by LEDs integrated in the housing cover
• Fast installation and easy device replacement thanks to plug-in connections
• Compact housing allows for installation even where space is limited

Fields of application

• All areas with PoE environments
• Factory automation
• Production logistics

Ordering information

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

Supported products	Brief description	Type	Part no.
CLV62x, CLV63x, CLV64x, CLV65x, CLV69x, Lector® series, RFID read/write device	Connection of a SICK sensor in a Power-over-Ethernet (PoE) environment. Splitting of PoE signal into 24 volt supply voltage and Ethernet.	CDE50-01421	1111887

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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