

CLV620-1000

Industrial automation components

Manufacturer	Sick
Catalog number	clv620-1000
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.45 kgs
Voltage	30 V
Signal Type	30
Component Specifications	clv620
Interface Type	ethernet
Signal Level	30 V

Description

The SICK CLV620-1000 is a fixed-mount barcode scanner designed for industrial automation applications. Manufactured by SICK AG, this model offers a robust solution for reading 1D barcodes in various environments. Key features include a fixed focus optical system, a red laser light source operating at 655 nm, and a scanning frequency range of 400 Hz to 1,200 Hz. The scanner provides a reading distance between 60 mm and 365 mm, with a code resolution ranging from 0.2 mm to 1 mm. It supports multiple communication interfaces, including PROFINET, EtherCAT, serial (RS-232, RS-422, RS-485), CAN, CANopen, and PROFIBUS DP, ensuring versatile integration into existing systems. The device operates within a supply voltage range of 10 V DC to 30 V DC and consumes approximately 4.5 W of power. Housed in a die-cast aluminum enclosure with an IP65 rating, it is suitable for use in environments with temperatures ranging from 0°C to 40°C. The scanner's compact dimensions are 61 mm in length, 66 mm in width, and 38 mm in height, with a weight of 225 grams, including the connecting cable. This model is ideal for applications requiring reliable barcode scanning in industrial settings, offering durability and high performance.