

CV-200C

Industrial automation components

Manufacturer	Keyence
Catalog number	cv-200c
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.11 kgs
Image Element	1/1.8-inch color CCD
Valid Pixel Count	1,920,000 pixels (1600 x 1200)
Pixel Transfer Frequency	40 MHz
Scanning System	Progressive
Lens Mount	C-mount

Description

The Keyence CV-200C is a digital color camera designed for industrial automation applications, offering a 2-megapixel resolution for precise image capture. It features a 1/1.8-inch color CCD image sensor with a pixel size of 4.4 x 4.4 μm , delivering 1,920,000 effective pixels (1600 x 1200). The camera operates with a pixel transfer frequency of 40 MHz and supports progressive scanning, achieving 58.5 ms for 2,000,000-pixel mode and 47.6 ms for 1,000,000-pixel mode. It utilizes digital serial transfer for efficient data transmission and offers an electronic shutter with adjustable speeds ranging from 1/15 to 1/20,000 seconds, as well as variable exposure times from 0.05 ms to 9000 ms. The CV-200C is equipped with a C-mount lens interface, providing compatibility with a wide range of lenses. Designed for durability, it operates in ambient temperatures from 0 to +40 °C and relative humidity levels between 35% and 85% (non-condensing). The camera weighs approximately 110 g without the lens, making it suitable for various industrial environments. Please note that this model has been discontinued; the recommended replacement is the environment-resistant 2-megapixel color camera, CA-200C.