

General Description

CCD or Laser?

This question can only be answered by defining the application!

In the past the laser scanner was often chosen for technological reasons, as it was believed to be the better performing solution.

Nowadays as CCD-technology has developed further, it is no longer true. A laser does not provide superior performance compared to the CCD-scanner. Today when there is choice to make the application must be analyzed and then the decision for CCD or Laser can be made!

What needs define an application as a Laser application?

A laser application is defined by a reading distance of more than 30 cm and a depth of field of 5m or more.

1. Reading from a distance of more than 30 cm
2. Depth of field of 5 m or more

If these requisites define your application, you will receive better reading results using the latest generation of Datalogic Laser readers.

What needs define an application as a CCD application?

Reading in an area from near contact to 30 cm (instinctive reading range).

1. Reading damaged or poorly printed bar codes
2. Reading bar codes under plastic film

If these requisites define your application, you will receive better reading results using the latest generation of Datalogic CCD readers.

With over a 30 year history in the Auto-ID market and as the European market leader for Hand Held Readers we know by experience, that:

- 75% of all applications can be easily covered by a CCD scanner,
- Up to 50% of costs could be saved when choosing a CCD scanner rather than a laser scanner.
- The MTBF for a CCD scanner is higher than for a laser scanner.

Each tethered Datalogic CCD scanner comes with a:



HHR Readers



Laser Readers



CCD Readers

