

Logomat

DS01

Today's increasingly elaborate packaging processes require extremely dependable systems, capable of ensuring that all the criteria are met. The **DS01** is a simple and intelligent system designed for reading and checking bar codes printed on the products, in order to control every production, packaging, storage and/or rejection step.



In addition to its small, functional and easy installation features, the **DS01** system offers the utmost reliability in packaging control. Even unskilled personnel are capable of using, easily and quickly, the interface system between the sensor and the operator.

The system may use two kinds of code reading heads:

- Raster.
- Not raster.

The Raster sensor guarantees a better image acquisition.

The small dimensions enable to install them in points on the packaging line, which are unthinkable with normal reading heads. The heads are connected to analyser by means of a serial cable, up to a maximum of four heads per analyser. The analyser is equipped with a built-in network power supply, a logic block, a memory section and a HMI interface panel. It is, therefore, an independent unit, which does not require the connection of additional devices for operating or for handling the information supplied by the reading heads.

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The rather intuitive user interface installed in the system enables the operator to visualise and control several codes at the same time. The wide variety of functions and options available in the software guarantee excellent code reading results in every condition.

The extremely reduced dimensions of the scanner, based on advanced technology in laser microcomponentry engineering, is very easy to install, while the presence of a CPU in each reading channel enables very fast and reliable code reading operations.



Dimensions 96 x 96 x 100 mm
Container Screened
Supply Voltage 24 Vcc
Consumption 10 W
Reading heads supply 12Vcc-5V included in the equipment
Input N.4 24 Vcc with optocoupler
Output N.4 24 Vcc with optocoupler
I/O Visualisation By means of LED on the front panel
Host Interface RS232 C
Type of sensor Laser sensors: for code reading at standstill or in motion

Reading distance 45..70 mm with laser head
 10 mm with diode head
 7 mm with fibre optic
Code maximum length 50 mm
Maximum number of bars 12
Controllable codes Pharmaceutical binary
 Others on request
Maximum control speed 100m/mm
Programming Self-acquisition
 Code introduction from keyboard
 Code introduction from memory
Operating temperature 0..40°C (32..104°F)
Weight 150g.