



# DS41

## High performance compact laser scanner

### FEATURES

- *Real time decoding (100,000 characters per second)*
- *Scanning speed up to 1300 scans/s*
- *Reading distance up to 400 mm (15.7 in)*
- Depth of field up to 350 mm (13.8 in)
- Small dimensions and industrial casing
- Two standard serial interfaces
- Print Contrast Signal evaluation
- Verifier functioning mode
- Position measuring and testing
- UL approved

### APPLICATIONS

- Packaging machines
- Chemical and biomedical analysis machines
- Pharmaceutical verifiers
- On-line print verification
- Reading on narrow conveyors
- Automated warehouses
- Automatic document handling

### GENERAL DESCRIPTION

The **DS41** industrial scanner represents the ideal solution for bar code reading in applications which require high performance, small dimensions and reduced costs. Taking advantage of its considerable experience and technological know-how, Datalogic, leader in the fixed scanners for industrial applications sector, has managed to fulfil these requirements.

The **DS41** is characterised by its high scanning speed, real time decoding and advanced electronics, that offer an increased depth of field and a wide range of innovative functions aimed at resolving specific application problems. The **DS41** also guarantees high reliability under the most adverse industrial conditions, and is easy to install.

The scanner is available in high resolution versions which allow reading of the highest resolution codes, while maintaining the same features of speed and reliability. The **DS41** is also available in linear optic versions as well as with 2 raster reading versions at different aperture angles.

Thanks to these characteristics, the **DS41** offers considerable advantages in many application sectors, including: machines for the packaging and pharmaceutical industries, automatic document handling, analysis machines, palletisation systems and code verifiers.

