



Unattended Scanning Systems

General Description

DataLogic's **DS1100** offers the best cost-effective industrial solution for OEM applications.

Specifically designed for easy integration into OEM equipment, the **DS1100** provides very compact dimensions, light weight and, obviously, DataLogic's recognized excellent scanning performance.

Many applications and customers' needs have been analyzed and taken into great consideration during the **DS1100** product development. Thanks to these studies, direct and 90° output window versions have the same compact dimensions, allowing very flexible installation. The motor can be switched off and on via software commands, in accordance with application needs, increasing product life and silence during use. Set-up procedures are very easy to follow so the scanner can be quickly configured through WINHOST™, the intuitive set-up software.

The **DS1100** covers a wide reading area, scans very close to the output window and grants optimized performance on high resolution codes, thanks to a full range of specific models.

The perfect combination of a powerful RISC decoder with reliable decoding algorithms and impressive optical performance assure the highest read rate and accuracy even on damaged or poorly printed bar codes.

Integration and connection with existing control systems, PCs or PLCs, is very easy using the two high speed serial interfaces. Multi-point scanning configurations are available using Master-Slave or Multiplexer connections.

The **DS1100** is equipped with IP65 rugged industrial housing and is also available as an embedded module for specific applications.

Features

- > **Scanning speed of 500 scans/s**
- > **Motor on/off software commands**
- > Cost-effective
- > Very compact dimensions for both direct/90° reading window models
- > Wide reading width at a short reading distance
- > Lightweight < 100 g (< 3.53 oz)
- > Dual high speed serial interface (RS232/RS485)

Applications

- > Chemical and blood analyzers
- > Pharmaceutical code verifiers
- > Automatic teller machines (ATMs)
- > Printing machines
- > Video rental machines
- > Film processing machines
- > Assembly lines
- > Work-in-process & Quality control

