

Palletized Systems

DS6400

General Description

Palletized Systems

Pallets are the most commonly used items for transportation and storage of various types of goods, from raw material to finished products. Pallets are frequently used in the Manufacturing and Distribution industries in warehousing applications (incoming and outgoing material sorting).

The Need

Palletized material requires bar code labels with special symbologies and positioning. For example, the automotive industry has standardized license plates (according to the Odette standard in Europe and AIAG standard in USA) and the Retail & Distribution industry utilizes EAN symbology with defined areas for bar code label placement.

Reading a barcode label on a pallet is usually an application based on lateral picket fence reading. The scanned area is variable depending on the size of the palletized good. A bar code reader with an **oscillating mirror** and **good reading performance in terms of the covered reading area** is the ideal solution for this kind of application.

The Solution

The DS6400 is ideal for palletized systems. The DS6400 has a compact high performing oscillating mirror fully SW controlled that provides unbeatable reading area coverage. The "Step-A-Head™" function, unique on the market, makes it possible to modify the orientation of the reading head and decoder base, offering a great advantage in installations with restricted space. Moreover, DS6400 offers built-in connectivity to Profibus, Devicenet and Ethernet, which are used more and more in automated warehouses as plant data flow backbones.

Solution Benefits

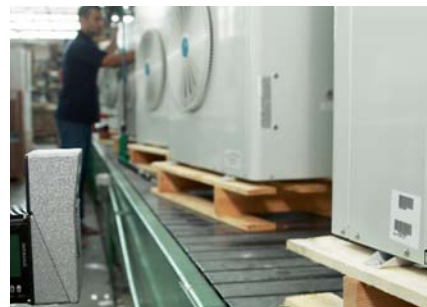
- > Scan rate from 600 to 1200 scans/sec
- > Reading distance exceeding 2 m on 0,5 mm barcodes (20 mils)
- > Oscillating mirror aperture: 40 degrees
- > Built-in connectivity to Ethernet, Profibus, Devicenet

Product



DS6400 with Oscillating Mirror

Applications



Palletized System



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