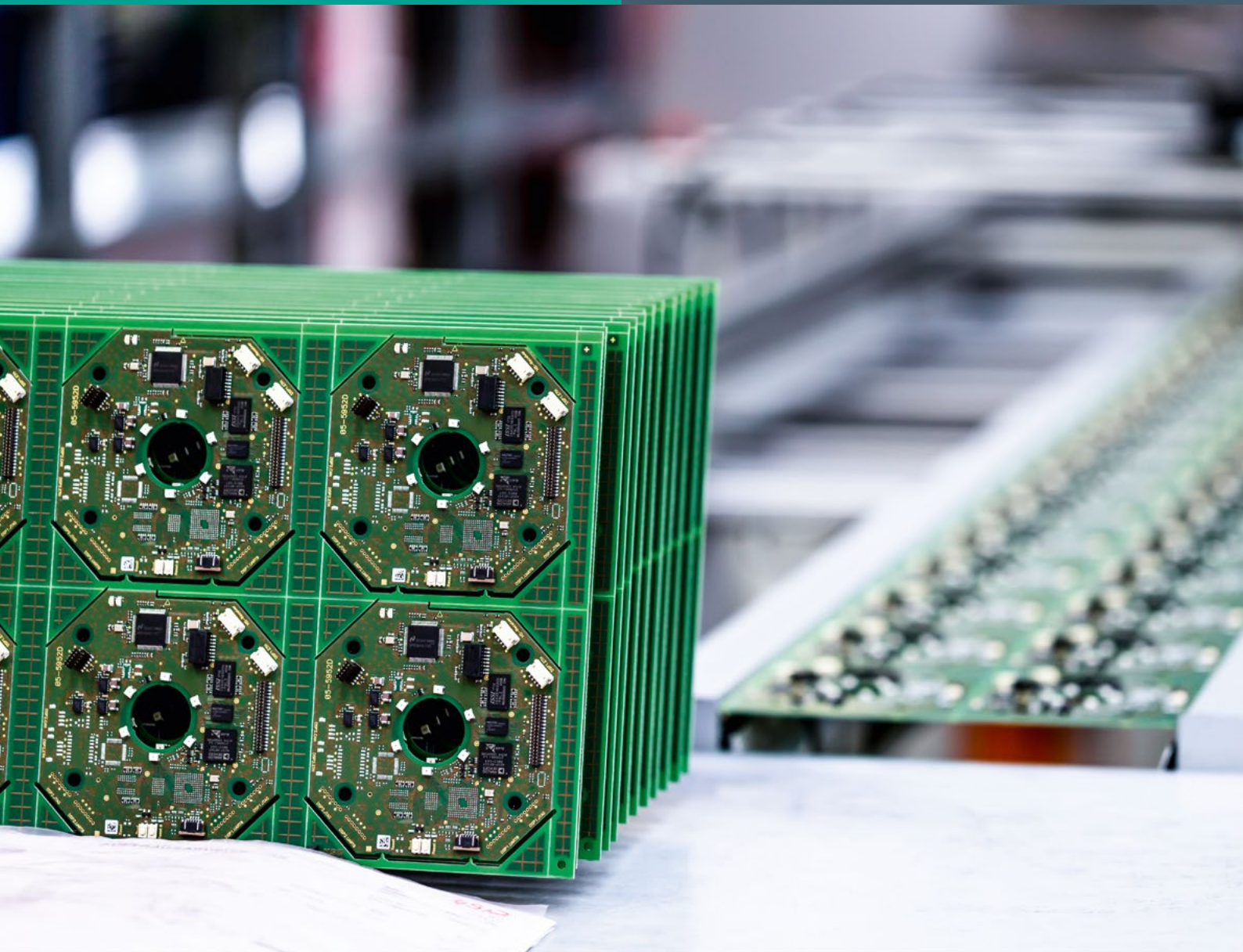


Ultimate Reading Performance for Reliable Processes

OHV1000 DPM Handheld Reader

At a Glance

- Reliable reading of DPM and printed 1-D and 2-D codes
- Dual lens and 1.2 mega pixel resolution for reading small 2-D codes and long bar codes
- Output string formatting for easy integration into your ERP system—no programming
- JavaScript programmable for the most demanding applications



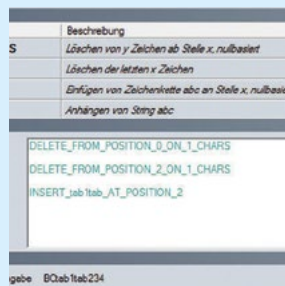
The Application

An especially effective way to identify products in production and logistics areas is to mark them directly with two-dimensional codes, for the most part Data Matrix codes. These codes, which are applied to the product or workpiece with direct part marking (DPM), allow you to identify individual production

steps and data at any time. In this way, it is possible to track the entire service life of a product. DPM codes are primarily used in mechanical engineering applications and in the electronics and automotive industries. The codes are placed on printed circuit boards, as well as metal and plastic components.

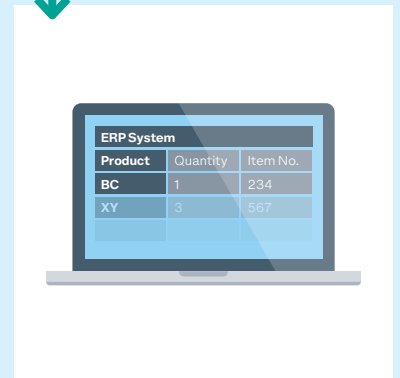
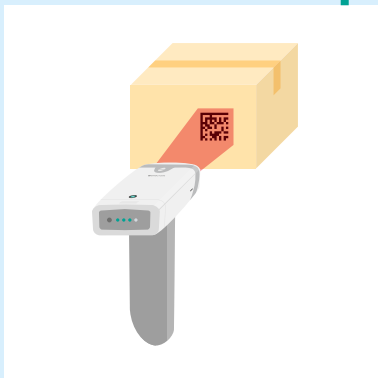
Extra Flexibility

The OHV series of 2-D code handheld readers can be conveniently adapted to any application using control codes, the Vision Configurator, or JavaScript.



Read data string: ABC1234

BC <tab> 1 <tab> 234



Adjustment of Data String

“Erase Position 1”
 “Replace Position 4 with <tab> 1 <tab>”

Output String Formatting

Adjustments to the output string are easy with the Vision Configurator. A read data string can be customized by simple command selection and integrated into ERP systems.

The Goal

The goal is to reliably read a wide range of code symbologies in addition to DPM codes. These include long 1-D barcodes, which are often used on job order cards in the automotive industry. What's more, all reading results must be automatically mapped within an ERP system. This system is then used to further process data.

The Solution

With its patented dual lens and high resolution of 1.2 megapixels, the OHV1000 handheld reader allows the simultaneous reading of small, complex DPM codes with a module size of up to 0.1 mm, and longer, printed 1-D and 2-D barcodes. Because you do not need to change the settings every time you encounter

a different type of code, the reader is very flexible and efficient. This makes the OHV1000 your perfect solution when dealing with a variety of code symbologies. The intuitive Vision Configurator parameterization software automatically writes the read results into the correct fields in the ERP system without the need for any time-consuming programming work.

The Advantages

The OHV1000 handheld reader is ideal for a large number of applications and ensures reliable reading performance. The OHV1000 is highly customizable to individual applications and can be effortlessly integrated into ERP systems.

Technical Features

- Read distance: 0 to 200 mm
- Min. module size: 0.1 mm
- Interfaces: USB, RS-232 and PROFINET via gateway
- Degree of protection: IP54
- Ambient temperature: – 20 to 55 °C

