# DMH220

**IOSS GmbH**

## Handheld Imager of Direct Part Markings!

Robust, industrial design

The mobile DMH220 Imager is a reliable hand scanner specially conceived for direct part markings. Direct part markings are typically created in 2D using dot matrix, laser or inkjet printers.
By using state-of-the-art technology, the mobile DMH220 imager combines multispectral, multi-axis lighting with tried-and-tested decoding algorithms. The resulting product is a mobile plug & play imager that is easy to use and exceptionally reliable when scanning directly marked codes with low contrast.
Simple and straightforward handling guarantees good results in no time. The DMH220 hand scanner is pre-configured at the factory and is ready to use. Special application settings can be quickly and easily configured by scanning in the required program codes. Acoustic, tactile and optical indicators provide immediate feedback. USB and RS232 are available as interfaces.

### DMH220: Overview

- Tried-and-tested DPM decoding algorithms
- Multispectral lighting
- Operated using USB connection
- Robust, ergonomic design
- Easy setup program

## Technical Data of DMH220

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|---|---|
| **Application Area** | Scanning of the following symbologies on any surface, particularly direct part markings (DPM) |
| Symbologies | **2D symbologies:** DataMatrix, QR Code, Micro QR Code<br>**Stacked symbologies:** PDF 417, GS1 Databar<br>**Linear barcodes:** Code 39, Code 128, I2 of 5, UPC/EAN, Codabar, Code 93 BC412 |
| Sensor | 1280 x 1024 high-resolution CMOS |
| Multispectral lighting | Combination of dome and dark field lighting.<br>Dome: two-colour 630 nm (red) and 470 nm (blue)<br>Dark field: quadrant 30°, 630 nm (red) |
| Code orientation | Freely positionable |
| Marking method | All common methods, e.g., laser, dot matrix, inkjet printer |
| I/O ports | USB<br>RS 232 |
| Dimensions (WxHxD) (mm) | 63x180x114 |
| Operating temperature | 0 °C – 50 °C |
| Storage temperature | -20 °C – 65 °C |
| Safety & EMC | FCC / CE |
| Power supply | Output: 5 VDC (mA) |
| Weight | 204 g (without cable) |

For more information on our product range, please visit us on the Internet: www.ioss.de

Subject to change without prior notice.

If you require additional information, please contact us.

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