



DMH100

DMH100 DataMatrix handheld system

The handy specialist for reading tasks!

Specially designed to read dot-peened DataMatrix coding; the DMH100 DataMatrix handheld system from IOSS. Handy, reliable and always in use when trace-back, quality and process must be assured and optimised.

The use of the system is self-explanatory: laser-positioning aids guide the user quickly and safely to the read-result. No Teach-In is required. Because of its powerful decoding software the DMH100 system provides further advantages.

It reads DataMatrix coding at a split second from reflecting or any other difficult surfaces. Even lacquered codes are confidently recognised by the system.

Imaged data is transferred via a Firewire interface. The reader software can be integrated into the operating software, which is ideal for integrated solutions.

The aluminium casing of the DMH100 system makes it the ideal partner for industry.



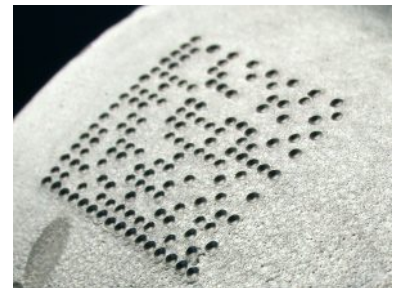
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Technical data



Application area	Reading of directly marked DataMatrix codes (DPM) all marking technics, dot peened, laser marked, inkjet, etched
Sensor technology	Progressive Scan CCD, B/W, VGA resolution (640 x 480 pixels)
Reading speed	typ. 10 /sec
Reading distance	approx. 70 – 80 mm
Reading field size (in mm)	26 x 35 mm / 17 x 23 mm / 14 x 19 mm
Reading direction	Omnidirectional
Code type	ECC 200
Code grid	10 x 10 to 26 x 26 modules and 8 x 18 to 16 x 36 modules
Angel of inclination to image plane	an angel of 45° dependent on marking
Lighting	Integrated LED illumination
Interfaces	Firewire IEEE 1394
Trigger	Via PC software and via adjustment knob on system
Teach In	Via PC / Notebook
Positioning aid	Laser
Dimensions	120 mm
Weight	220 g
Operating voltage	12V via IEEE 1394
Power consumption	< 600mA
Temperature range	0 –50° C
Housing	Aluminium

Subject to change without prior notice. If you require additional information, please contact us.



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