Laser Class 2M

Model Number

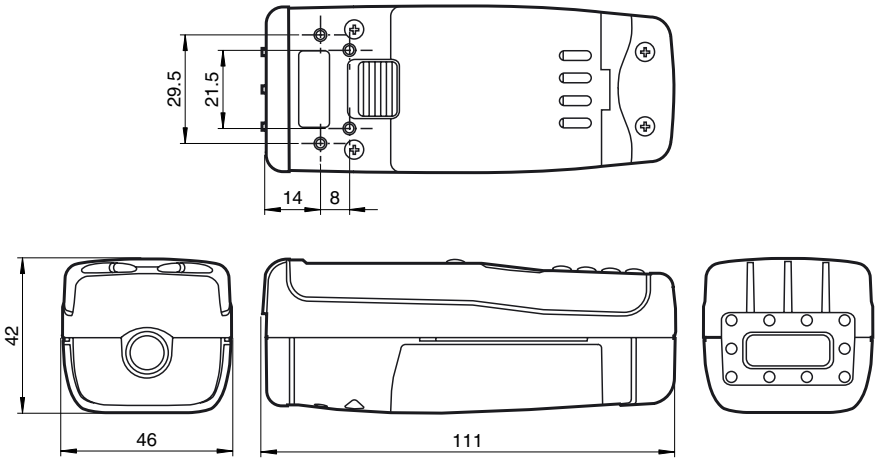
ODT-HH-MAH300-B15+BAT

Data Matrix handheld with Bluetooth for 1D and 2D codes

Features

- All common 1D or 2D codes can be read
- Wireless Bluetooth connection
- 3 readings per seconds
- Omni-directional reading
- evaluation of up to 256 grey values with adaptive grey value threshold
- Keypad for entry of alphanumeric characters
- LCD display
- Free programming with JavaScript
- Battery included with delivery

Dimensions



Technical data

General specifications	
Reading distance	100 ... 230 mm
Reading field	max. 100 mm x 200 mm
Modul size	≥ 0.15 mm
Sensor principle	Camera system
Light type	Integrated LED lightning (red)
Target velocity	Standstill
Symbologies	MaxiCode, PDF417, Data Matrix, QR Code, MicroPDF 417, GoCode, UCC Composite, Aztec Code, Code 39, Code 128, UPC, EAN, JAN, Int 2 of 5, Codabar, Code 93, UCC RSS, POSTNET, PLANET, Japanese Post, Australia Post, Royal Mail, RM4SCC, KIX Code, Codablock
Data Matrix	
Symbol size	rectangular up to 144 x 144 modules rectangular up to 16 x 48 modules
Orientation	omnidirectional
Nominal ratings	
Camera	
Type	CMOS
Number of pixels	1024 x 640 pixels per focus point
Grey scale	256
Image recording	real-time , manually triggered
Processor	
Clock pulse frequency	400 MHz
Digital resolution	8 Bit
Indicators/operating means	
Display	LC-Display 128 x 128 Pixel, monochrom
Keyboard	Keypad for entering alphanumerical characters
Key	Programmable function keys
Electrical specifications	
Supply	from interface or deployed rechargeable battery
Interface	
Physical	Bluetooth , USB 1.1 , RS 232 or PS/2
Protocol	ASCII
Standard conformity	
Electromagnetic compatibility	EN 61326
Ambient conditions	
Ambient temperature	0 ... 40 °C (273 ... 313 K)
Storage temperature	-20 ... 60 °C (253 ... 333 K)
Mechanical specifications	
Protection degree	IP20
Connection	System connector for connecting cable or handle
Material	
Housing	plastic
Mass	approx. 180 g
Dimensions	112 mm x 46 mm x 41 mm

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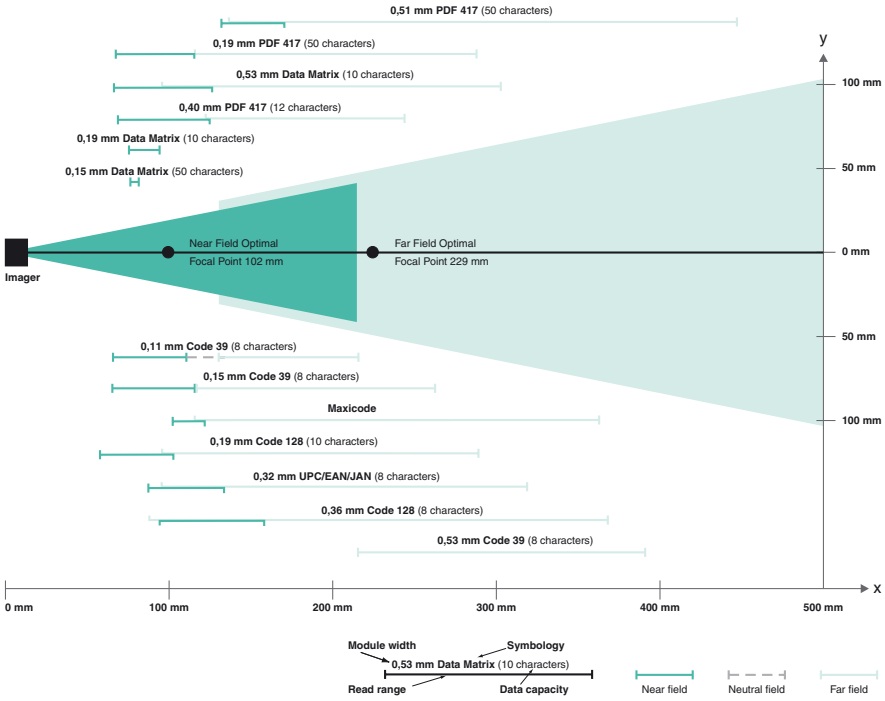
Read range for various symbologies



Function

The ODT-HH-MAH200 is a handheld, which is used to identify objects with 1D and 2D barcodes. With this, the handheld sets a new benchmark: Thanks to the CMOS-Sensor, with a resolution of 1.3 million pixels, an innovative lens coverage with 2 reading ranges and a 400 MHz processor, the light and quick handheld device is presented with the ODT-HH-MAH200, fulfiling all the requirements of an object identifier, comparable to that of a stationary reading device.

The unique Dynamic Optimization Technology (DOT) continuously adapts the resolution, illumination and reading range to enable fast identification and decoding of a wide range of symbology types, sizes, recording surfaces and ambient lighting. With DOT, the ODT-HH-MAH200 can decode 2D barcodes at speeds similar to those achieved when decoding 1D barcodes.

Data stored on the handheld can be smoothly transfered to a PC with a USB, RS 232 or PS/2 interface. For this purpose, an optimal accessory has been made available.

Accessories

ODZ-MAH-CAB-B14
Connecting cable, USB interface

ODZ-MAH-CAB-R2
Connection cable RS 232 interface

ODZ-MAH-CAB-R6
Connecting cable PS/2 interface

ODZ-MAH200-CODEROUTER
Code Router Software

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