



Model Number

ODT-MAC423-LD-WH-MC

Stationary multicode read device for all common 1D, 2D and Pharmacodes at speeds of 10 m/s, angled line-of-sight, VGA resolution, Ethernet

Features

- 10 m/s motion speed
- 30 scans per second
- All common 1D or 2D codes can be read
- Integrated error image memory
- Code quality index output

Function

The stationary reading device is an optical identification system for reading up to 26 several code symbology.

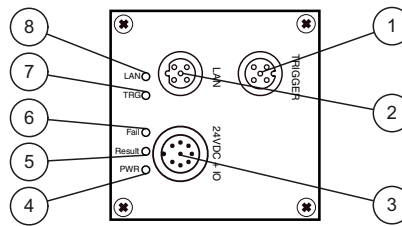
With its high-performance signal processor, a partial image capture function, and optimized decoding algorithms, the device features extremely high reading speeds.

The stationary reading device can be configured easily and quickly using a normal web browser via the standard Ethernet interface. The reading device also features an integrated error image memory.

Typical areas of application are

- Document handling
- Printing machines
- Identification in the packaging and warehouse sector
- PCB identification

Indicating / Operating means



1	Socket Trigger	
2	Socket LAN	
3	Plug 24VDC + IO	
4	Power	green
5	Result	green
6	Fail	red
7	Trigger	yellow
8	LAN	yellow

Electrical connection

TRIGGER



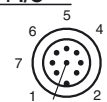
Pin	Signal
1	+UB
2	NC
3	GND
4	IN Trigger
5	NC

LAN



Pin	Signal
1	TX+ Ethernet
2	RX+ Ethernet
3	TX- Ethernet
4	RX- Ethernet

24 V DC + I/O



Pin	Signal
1	IN TRG
2	+UB
3	OUT Good
4	OUT Fail
5	IN 1
6	OUT 1
7	GND
8	OUT Match

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Technical data**General specifications**

Light type	Integrated LED lightning (white)
Symbologies	Maxi Code, PDF 417, 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, Pharmacode
Read distance	120 mm
Depth of focus	± 40 mm
Reading field	70 mm x 50 mm
Sensor principle	Camera system
Evaluation frequency	max. 30 Hz
Target velocity	triggered ≤ 10 m/s

Nominal ratings

Camera	
Type	CMOS , Global shutter
Number of pixels	752 x 480 pixels
Gray scale	256
Image recording	real-time , Program-controlled or triggered externally

Indicators/operating means

LED indicator	for good/poor reading , Trigger , LAN
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Electrical specifications

Operating voltage	U_B	24 V DC ± 15% , PELV
No-load supply current	I_0	max. 250 mA
Power consumption	P_0	6 W

Interface

Physical	Ethernet
Protocol	TCP/IP
Transfer rate	100 MBit/s
Cable length	max. 30 m

Output

Number/Type	2 electronic outputs, PNP
Switching voltage	24 V ± 15 %
Switching current	100 mA each output
Cable length	max. 30 m

Ambient conditions

Ambient temperature	0 ... 45 °C (32 ... 113 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)

Mechanical specifications

Degree of protection	IP65
Connection	8-pin, M12x1 connector, standard (supply+IO) , 5-pin, M12x1 socket, standard (IO) , 4-pin, M12x1 socket, standard (LAN)

Material

Housing	powder coated diecast zinc
Mass	approx. 760 g

Compliance with standards and directives

Directive conformity	
EMC Directive 2004/108/EC	EN 61326-1 , EN 61000-6-4
Standard conformity	
Noise immunity	EN 61326-1
Emitted interference	EN 61000-6-4
Degree of protection	EN 60529
Laser class	IEC 60825-1:2007

Accessories**V19-G-2M-PUR-ABG**

Female cordset, M12, 8-pin, shielded, PUR cable

V15S-G-5M-PUR-ABG

Male cordset, M12, 5-pin, shielded, PUR cable

V1SD-G-2M-PUR-ABG-V45-G

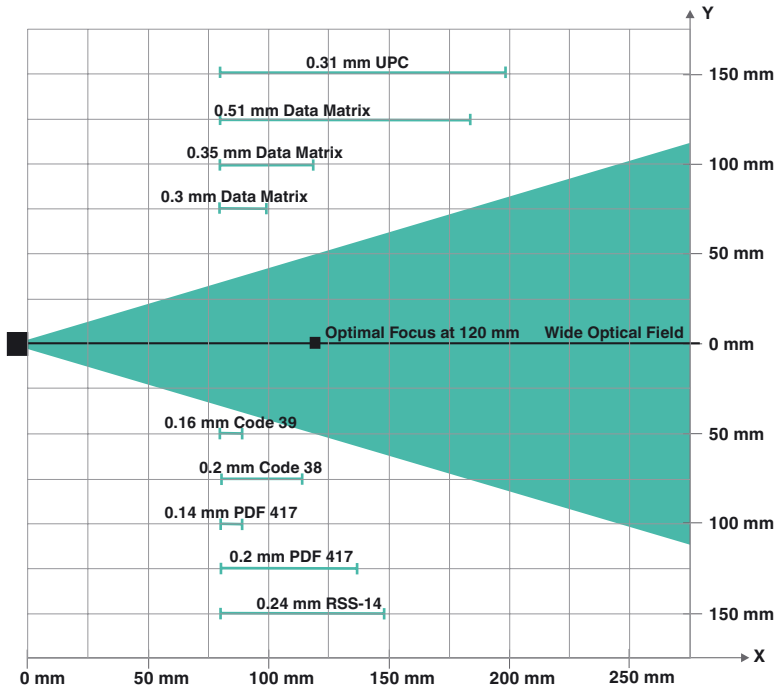
Connection cable, M12 to RJ-45, PUR cable 4-pin, CAT5e

V1SD-G-2M-PUR-ABG-V45X-G

Connection cable, M12 to RJ-45, PUR cable 4-pin, CAT5e

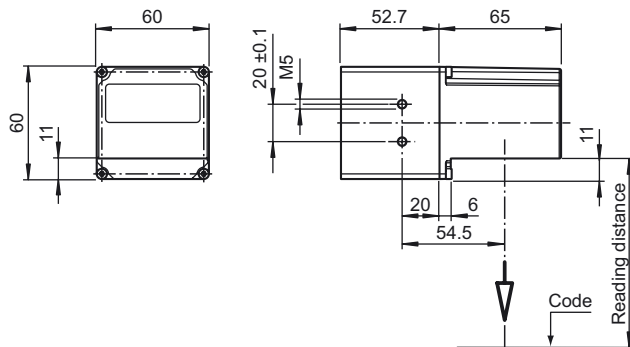
Additional accessories can be found in the Internet.

Read range for various symbologies



Note: Smallest symbology that can be read is 0,14 mm PDF417

Dimensions



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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