

# cmos-magview

## Technical specifications



Device type	Sensor size (mm <sup>2</sup> )	Visualization	Sensor types	Field image, quantitative (only for type B & C)	Resolution, geometric (µm) at 80% central	Precision, geometric (µm) at 80% central
S	20,5 x 15,5	X	A, B, C, D, (E)	X	25 (5MPx), 15 (10MPx)	20
L	60 x 45	X	A, B, (C)	(X)	70 (5MPx)	100
M						
XL	60 x 45	X	A, B, C	X	60 (5MPx), 30 (10MPx)	30

Device type	USB 2.0   USB 3.0	Power socket	U_Power supply (VAC)	U_input (VDC)	I_input_min (A)	L x B x H (cm)	Weight (kg)
S	X   X	XLR	100 - 240	12	3	23 x 15 x 6	2,1
L	X   -	XLR	100 - 240	12	3	28,5 x 15 x 13,5	4,5
M							
XL	X   X	XLR	100 - 240	12	3	52 x 25,5 x 10,5	6,5

Your partner for magnetism and lead testing



### Contact & information

Matesy GmbH  
Löbstedter-Str. 101-103  
D-07749 Jena  
Deutschland

Tel.: +49 (0) 03641 79799 00  
Fax: +49 (0) 03641 79799 01  
E-mail: info@matesy.de  
Web: www.matesy.de



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Sensor-types	Visualization	Field image (quantitative)	Saturation (mT)	Field resolution (mT) at 20x image averaging	Field precision (80% central)	Single images (for 5MPx camera)	Typical test items
A	X	-	± 2 mT		-	2	Low field strength
B	X	X	± 65 mT	0,5 mT	< 5%	2	Hard magnets
C	X	X	± 125 mT	0,9 mT	< 5%	2	Hard magnets
D	X	-	± 6 mT (Bias)		-	2	Soft magnetics

System requirements	
Windows	7, 8, 8.1, 10
Graphic card	Ja
RAM	4 GB
Hard disk	1 GB
Interface	USB 2.0   USB 3.0
Display resolution	1920px x 1200px (24")

Operating environment   Handling
Laboratory, low-dust
Operating temperature of 25 °C ± 10 K
Storage temperature of 25 °C ± 25 K
Tabletop device for use on the PC
Manual placement of the test item on the sensor

Distance between sensor and test item
without protective film 5 µm
with protective film 55 µm
(depending on the specimen surface)

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