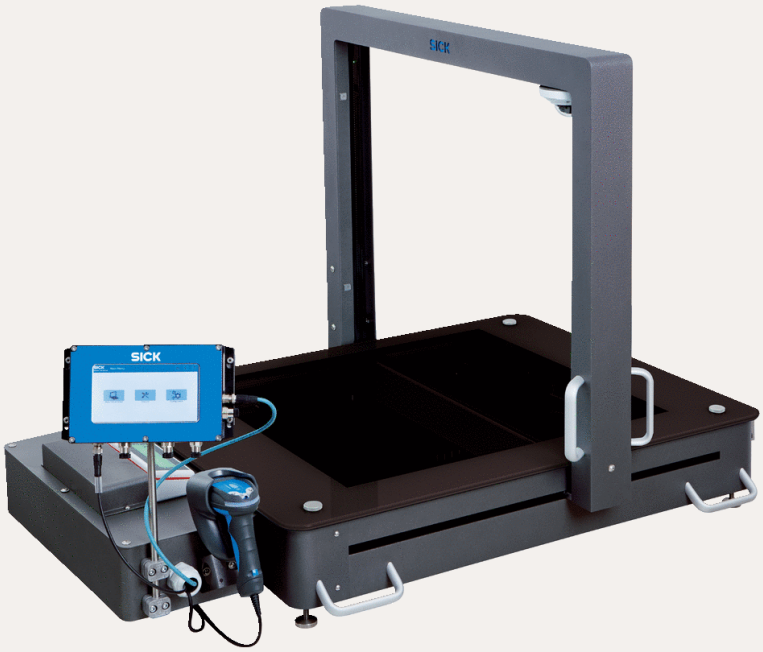
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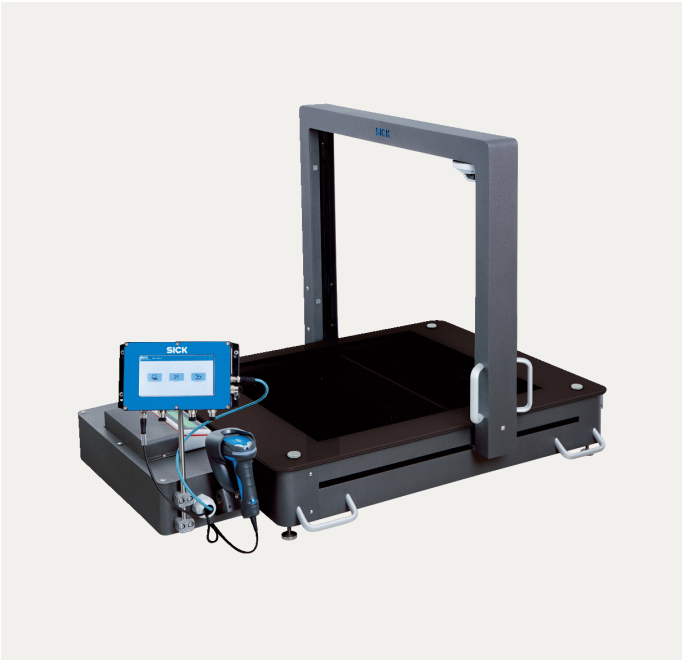


DATA SHEET

MDA-800-2,5-Image

Master Data Analyzer
Track and trace systems

SICK Sensor Intelligence



TRACK AND TRACE SYSTEMS

MDA-800-2,5-Image

ORDERING INFORMATION

Type	part no.
MDA-800-2,5-Image	On request

Further device versions and accessories at www.sick.com/Master_Data_Analyzer

DETAILED TECHNICAL DATA

FEATURES

Products by tasks	Measuring - Dimension, contour and volume Measuring - Weight Identifying - 1D code Identifying - 2D code
Sensor resolution	1 Mpixel
Including image recording	✓
Object infeed and outfeed	Manual
Handheld scanner	✓
Color image properties	Standard resolution (1080p UWW)
Legal-for-trade	No

MECHANICS/ELECTRONICS

Dimensions, system (L x W x H)	1,360 mm x 900 mm x 900 mm
Enclosure rating	IP20
Supply voltage	24 V DC [1]
Panel PC	7" touch display (800 x 600 RGB)
Trigger	Manual for code scanning
Total weight	100 kg
External power supply	AC 100 V ... 240 V, 50 Hz ... 60 Hz

[1] SELV.

PERFORMANCE

Code types	1D 2D Stacked code PDF417 Aztec

	4-state Maxi-Code
Minimum object size	10 mm x 10 mm x 5 mm
Maximum object size	790 mm x 590 mm x 590 mm
Throughput	900 pph
Accuracy of object coverage	Typ. ± 5 mm x 5 mm x 2.5 mm (L x W x H)
Accuracy of scale	d = 5 g (40 g ... 15 kg), d = 10 g (15 kg ... 30 kg)

INTERFACES

Ethernet	✓ , TCP/IP, FTP
Output data	Maximum dimensions (length, width, height) of Minimum Bounding Box Volume (the minimum bounding box) Code data Weight Custom fields (up to 3) Status Image output in .jpg Data output in .txt, other formats like .csv, .xml etc. on request (customer-specific)

AMBIENT DATA

Permissible relative humidity	≤ 90 %, Non-condensing

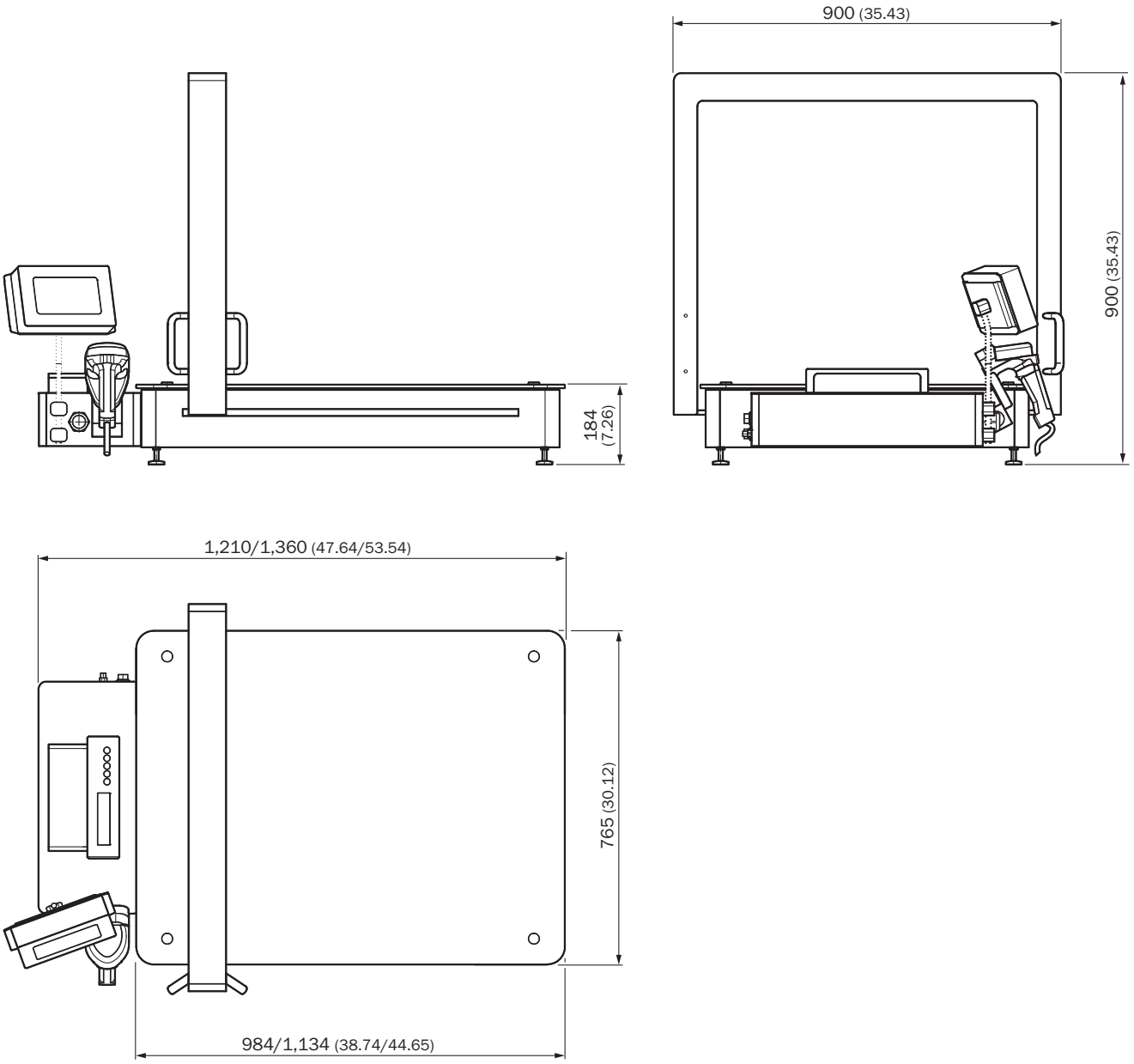
GENERAL NOTES

Items supplied	IP camera Power supply unit MDA-Basis inkl. MLG-2 Pro (2 x) Integrated weighing cells (4 x) Handheld scanner

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓

DIMENSIONAL DRAWING



Dimensions in mm (inch)

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/Master Data Analyzer

SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

SICK

Sensor Intelligence