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## Multi-Camera Systems - vicosys 6300 Basic Device

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**Short description:** PC-based multi camera system, including operating software vcwin pro, configurable

**Order number:** 4-21-185

**EAN:** 4251692615041



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## Technical data

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### Performance Data

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Processor	Intel Core i3-9100TE 6 MB Cache, up to 3.20 GHz
Main memory	8 GB, DDR4, 2400MHz
Compact Flash	32 GB (of which approx. 3 GB are reserved)

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### Camera Interface

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Basic device	1 x GigE Vision (no PoE)
Expansion card (optional)	4 x GigE Vision (PoE)
Supported camera series	Allied Vision: Mako, Manta, Manta PoE, Prosillica Matrix Vision: mvBlueCOUGAR-X Flir - Blackfly S, Ax5 Basler - ace classic, racer

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### Process Interface

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Expansion card (optional)	16 IN / 16 OUT (PNP) 16 IN / 16 OUT (NPN) PROFINET
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### Further Interfaces

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Ethernet	1 x Ethernet 10/100/1000 Mbit LAN 1 x Ethernet 10/100/1000 Mbit internal camera interface or direct connection
USB	6 x USB 3.1 2 x USB 3.0
RS232	2 x RS232 for process communication and data transfer

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### Software

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Parameterization	vcwin
Operation	webHMI

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### General Data

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Power requirements	12 V ... 34 V DC via external power supply
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Power consumption	32 W Basic Device max. 116 W Basic Device with camera card and process interface
Dimensions	192 mm x 123 mm x 230 mm
Weight	approx. 4.8 kg
Degree of protection (IP)	IP20
Safety class	Class III, safety extra low voltage (SELV)
Operating temperature	10 °C ... 40 °C

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## Notices

The vicosys<sup>®</sup> 6300 consists of the vicosys<sup>®</sup> 6300 basic device and optional components as well as optional software. The Device is assembled and configured by the manufacturer according to the selected components.

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## Accessories for Multi-Camera Systems - vicosys 6300 Basic Device

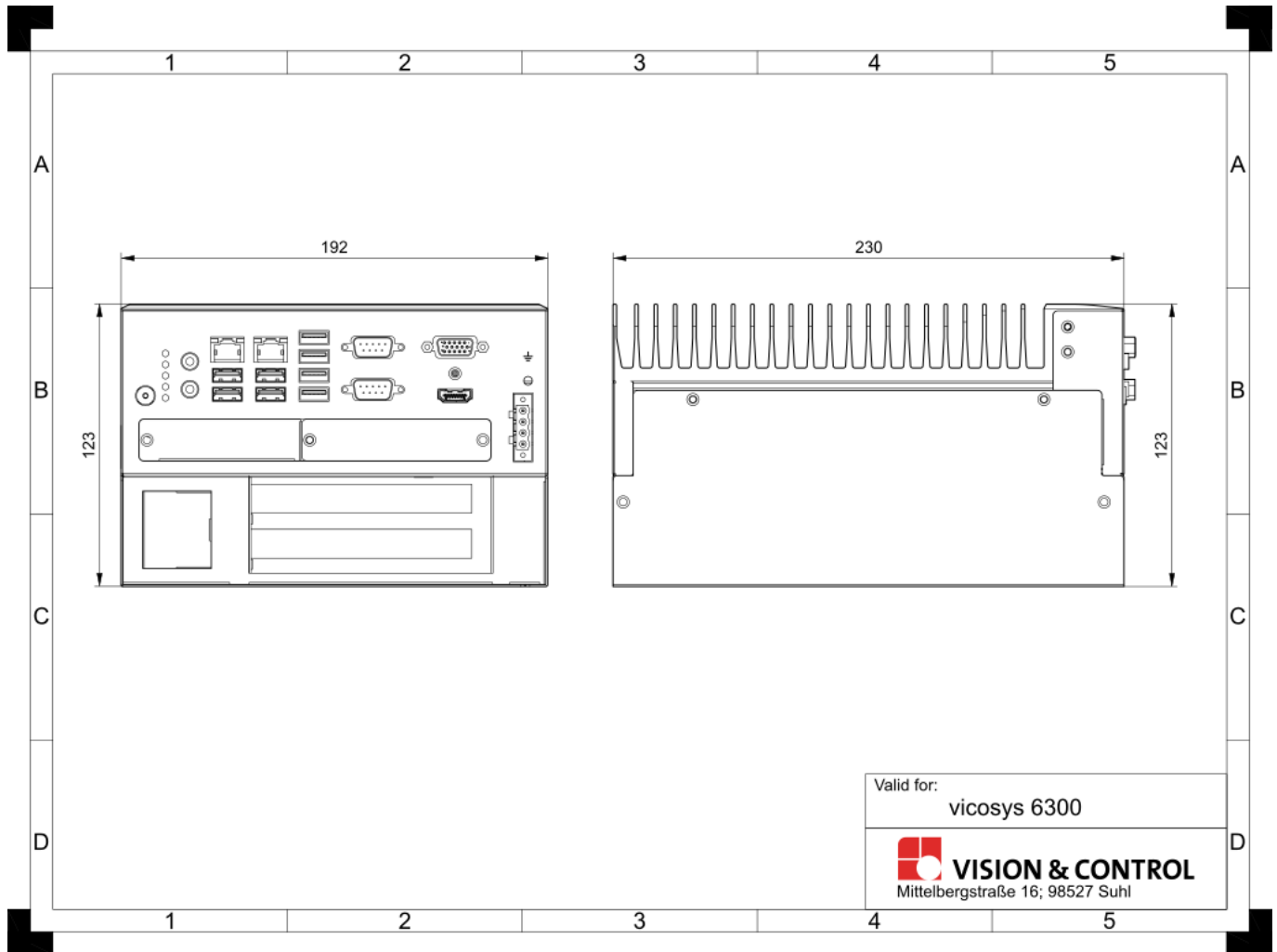
Order number	Title	Description
<b>Terminal Board</b>		
4-40-269	WAGO transfer device D-Sub	for dig. I/O card ADDI DATA, D-Sub socket connector, mounting feet for TS 35
4-40-288	Terminal Board DIN-50S-01	for digitale I/O card ADLINK, with 50-pin SCSI-II connector, for DIN rail mounting
4-40-268	Terminal Board PX901-DG	for dig. I/O card ADDI DATA, D-Sub connection board with LEDs, for DIN rail mounting
<b>I/O Cable</b>		
4-40-289	I/O cable ACL-10250-1	for digitale I/O card ADLINK, 50-pin SCSI-II cable, 1m, for terminal board DIN-50S-01
4-40-267	I/O cable 1x D-Sub, 2m	for dig. I/O card ADDI DATA, 37-pin D-Sub female connector to open cable end
4-40-266	I/O cable 2x D-Sub 2m	for dig. I/O card ADDI DATA, 37-pin D-Sub female connector to 37-pin D-Sub male connector
4-40-273	I/O cable 1x D-Sub, 5m	for dig. I/O card ADDI DATA, 37-pin D-Sub female connector to open cable end
4-40-274	I/O cable 1x D-Sub, 10m	for dig. I/O card ADDI DATA, 37-pin D-Sub female connector to open cable end
<b>Software</b>		
4-20-210	Asynchronous processes	licence for multi-camera system vicosys
4-20-209	Thermal imaging functions	licence for multi-camera system vicosys
3-90-032	Halcon	licence for multi-camera system vicosys
<b>Expansion Cards</b>		
4-21-178	Camera interface 4 x GigE	for vicosys 6x00, PoE, for connecting Gig-E vision cameras, incl. assembly
4-21-175	PROFINET card HILSCHER	for vicosys 5x00/6x00, PROFINET interface, incl. sw-license and assembly
4-21-170	Digital I/O Card ADDI DATA	for vicosys 5x00/6x00, 16 in-/ 16 outputs, Open Emitter (PNP), incl. assembly
4-21-171	Digital I/O Card ADLINK	for vicosys 5x00/6x00, 16 in-/ 16 outputs, Open Collector (NPN), incl. assembly
<b>Power supply</b>		

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<b>Order number</b>	<b>Title</b>	<b>Description</b>
4-40-218	Power supply 24V-120W-5A	for DIN rail mounting, without connection cable, type: SDR-120-24

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## Drawings



Dimensional drawing in mm