Vision & Control GmbH
Phone: +49 36 81 / 79 74 11
www.vision-control.com

Machine vision platform - vicosys 6100

Short description: Compact vision platform in booksize format, image processing software included

Order number: 4-21-189

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Technical data

Performance Data	
Processor	Intel ® Atom® x6425RE
Main memory	8 GB DDR4
Compact Flash	32 GB
Camera Interface	
Basic device	1 x Ethernet 10/100/1000/2500 Mbps LAN
Currently supported cameras	see 'Product finder for cameras'
Process Interface	
Basic device	8 Inputs (PNP), 8 Outputs (NPN)
Further Interfaces	
Ethernet	1 x Ethernet 10/100/1000/2500 Mbps LAN
USB	4 x USB 3,2, 1 x USB 2,0
RS232	2 x RS232 for process communication and data transfer
Monitor	2 x Displayport 1.2 with up to 4,096 x 2,160 @ 60 Hz
Software	
Parameterization	vcwin
Operation	webHMI
General Data	
Power requirements	12 V ... 34 V DC via external power supply
Power consumption	21 W typically, 47 W max.
Dimensions	35 mm x 105 mm x 150 mm
Weight	800 g
Degree of protection (IP)	IP20
Safety class	Class III, safety extra low voltage (SELV)
Operating temperature	10 °C ... 50 °C

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Notices

The vicosys® platform can be extended by optional software as well as optional components. The Device is assembled and configured by the manufacturer according to the selected components. User software vcwin, firmware, update sticks and device description files are available in the Download Area.

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Accessories for Machine vision platform - vicosys 6100

Order number	Title	Description
Software		
4-20-210	Asynchronous processes	licence for vicosys, incl. installation
4-20-209	Thermal imaging functions	licence for vicosys, incl. installation
3-90-032	HALCON	HALCON bundle license, installation und dongle incl., runtime progress
3-90-034	HALCON DL	HALCON Deeplearning License, installation and dongle incl., runtime progress, bundle incl.
Expansion Cards		
4-21-152	Camera Interface 2 x 1G	2x 1G POE Camera Interface for vicosys 6100 extension module included
4-21-151	EtherCAT-mPCIe-Ext	EtherCAT Interface Card for vicosys 6100, installation in extension module included
4-21-150	PROFINET-mPCIe-Ext	Profinet Interface Card for vicosys 6100, installation in extension module included
POE Injector		
4-40-373	POE-Injektor, 30 W	Power Supply for laboratory use
4-40-341	POE-TI-IG30	POE injector for all Gigabit Ethernet Cameras
Power supply		
4-40-218	Power supply 24V-120W-5A	for DIN rail mounting, without connection cable, type: SDR-120-24

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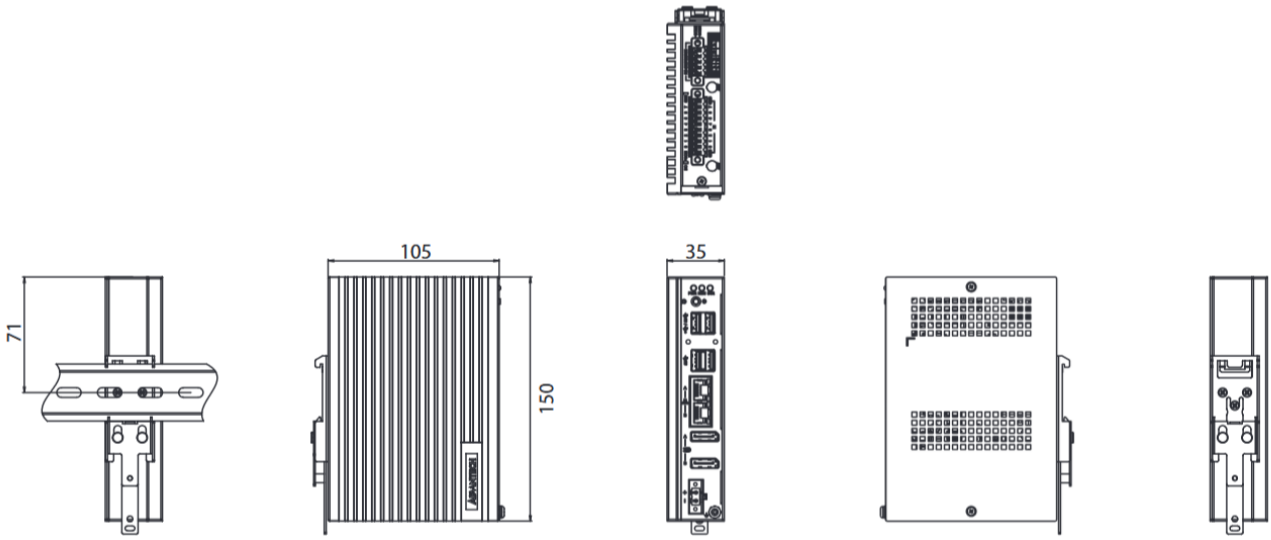
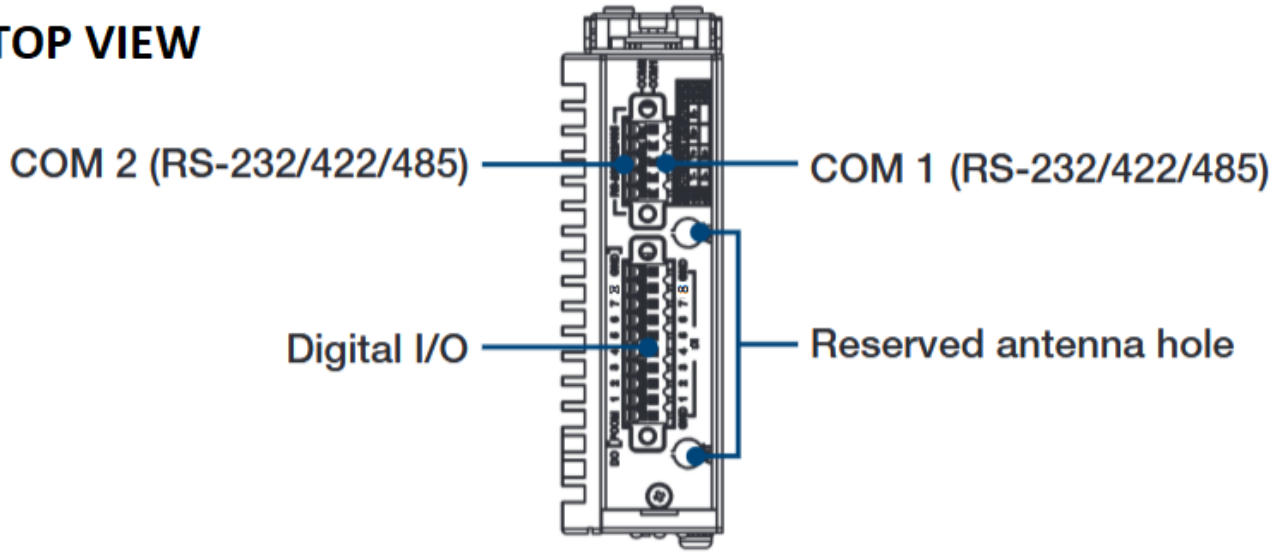
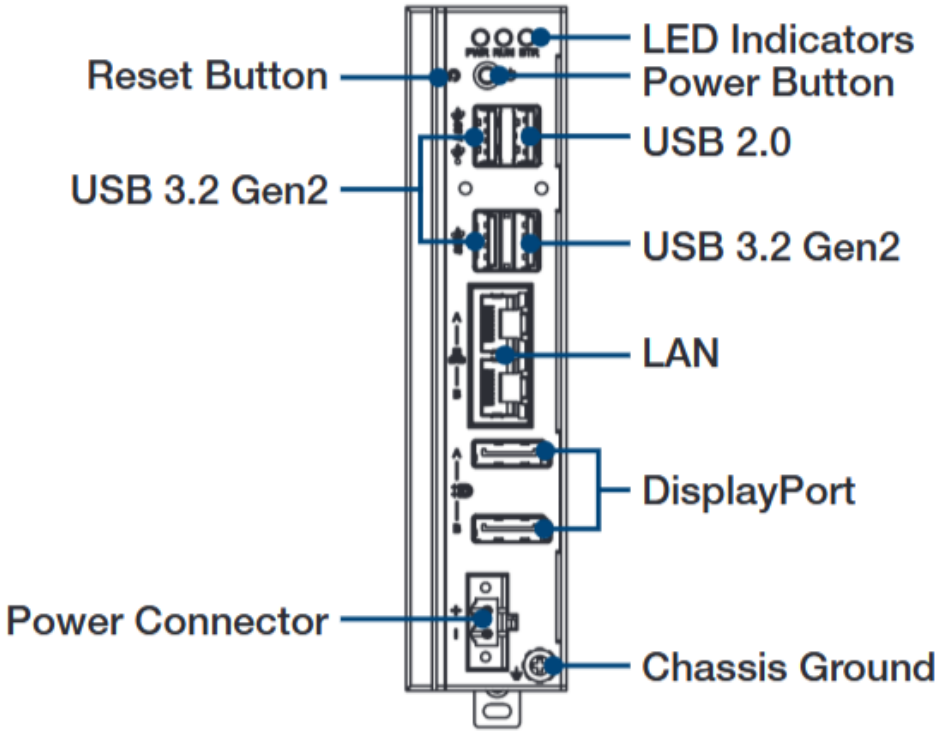
Drawings



Dimensional drawing in mm

TOP VIEW



FRONT VIEW