

Item description

The Control Panel (CP) with Target Visu (TV) features full CODESYS runtime.

With the WAGO-I/O-PRO development environment (based on CODESYS 2), applications and visualizations can be created and completely programmed. Existing CODESYS projects can be almost entirely converted and upgraded.

Data

Technical Data

Display diagonal	38,1 cm (15 Inches)
Display	TFT
Display colors	16 million colors
Graphics resolution	(1024 x 768) px
Contrast ratio	500:1
Viewing angle, horizontal/vertical	-75° ... 75° / -60° ... 60°
Brightness	250

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



HBT Half Brightness Time	50,000 h
Visualization	Target Visu
Communication	Modbus (TCP, UDP) Ethernet Modbus RTU CANopen
Operating system	Windows CE
Processor	Intel Atom [®] N270; 1.6 GHz
Programming environment	WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Main memory (RAM)	256 MB
Internal memory (flash)	128 MB
Program memory	1024 kByte
Data memory	1024 kByte
Software non-volatile memory	128 Kbytes
Type of memory card	CF card (max. 2 GB)
Baud rate	ETHERNET: 10/1000 Mbit/s
Panel	Touch, analog, resistive
Supply voltage	DC 24 V (18 ... 30 V)
Max. input current (24 V)	1300 mA
Operating power	28 W ... 35 W

Connection data

Connection technology: communication/fieldbus	Modbus TCP: 1 x RJ-45; Modbus RTU: 1 x D-sub 9 plug; CANopen: 1 x RJ-45; RS-232 serial interface: 1 x D-sub 9 plug; RS-232 + RS-485 /422 serial interface: 1 x D-sub 9 plug; USB: 4 x USB 2.0 host (type A)
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Geometrical Data

Width	398 mm / 15.669 inch
Height	306 mm / 12.047 inch
Depth	77 mm / 3.031 inch
Panel cutout (W x H)	(383 x 291) mm

Mechanical data

Weight	4500 g
Front panel	Anodized aluminum, natural, polyester film
Housing material	Sheet steel, painted
Conformity marking	CE

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Environmental Requirements


Surrounding air (operating) temperature	0 ... 45 °C
Surrounding air (storage) temperature	-10 ... 60 °C
Protection class	IP65
Note on protection class	IP65 (front side); IP20 (rear side)
Relative air humidity (no condensation)	85 %
Mounting type	6 x clamping elements

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821190462
Customs Tariff No.	84714100000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43- CTP762

Counterpart

Compatible products

assembling

	Item no.: 758-879/000-304 Mounting Set; 38.1 cm (15.0")	www.wago.com/758-879/000-304
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wiring and connectors

	Item no.: 758-879/000-100 DVI-D cable; 3 m	www.wago.com/758-879/000-100
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Item no.: 758-879/000-101
USB A-B cable; 3 m

www.wago.com/758-879/000-101

memory card



Item no.: 758-879/000-000
Memory Card CF; SLC-NAND

www.wago.com/758-879/000-000

Downloads

Documentation

Manual

WAGO MODBUS Master Configurator for configuration of MODBUS networks in WAGO-I/O-PRO (CODESYS)	V 1.1.0	pdf 1.8 MB	Download
PERSPECTO® CP, Control Panel with Target Visualisation CP 150 XGA TV CAN	V 1.0.2	pdf 883.7 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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System Description

Operation and Monitoring – General Product Information		pdf 795.2 kB	Download
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Application Notes

Application Note CoDeSys 2.3

PERSPECTO CP with TV Using serial interfaces (a762100) This application example demonstrates use of serial interfaces internal to PERSPECTO® CP control panel with Target Visualization (TV).	V1.0.2 Jan 25, 2013	zip 701.2 kB	Download
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Libraries

Library

WagoCANLayer2_01	1.0.1	pdf 788.9 kB	Download
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This library provides function blocks that enable CAN-Layer-2 communication to be established using 11-bit and 29-bit identifiers.

Engineering-Software

Configuration and Commissioning Software

WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762	2.3.9.55 Jul 3, 2015	zip 108.3 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 762-3150/000-003	URL	Download
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CAE data

WSCAD Universe 762-3150/000-003	URL	Download
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Installation Notes

Product family

PERSPECTO

Dem Control-Panel spendierte WAGO zusätzlich zur HMI eine PLC-Runtime. Das Ergebnis ist ein vollwertiges Automatisierungsgerät.

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!
