

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	30.7 cm (12.1 Inches)
Display	TFT
Display colors	65,536 colors
Graphics resolution	(800 x 600) px
Contrast ratio	500:1
Viewing angle (horizontal/vertical)	-65° ... 65° / -75° ... 45°
Brightness	400 cd/m ²
HBT (Half Brightness Time)	50,000 h
Visualization	Target Visu
Communication	Modbus (TCP, UDP)

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



	ETHERNET Modbus® RTU CANopen
Operating system	Windows CE
Processor	32-bit XScale 520 MHz
Programming environment	WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Main memory (RAM)	64 MB
Internal memory (flash)	32 MB
Memory	1 MB
Program memory	1024 kByte
Data memory	1024 kByte
Non-volatile software memory	128 Kbytes
Memory card type	CF card (max. 2 GB)
Baud rate	ETHERNET: 10/100 Mbit/s
Controls	Touch, analog, resistive
Supply voltage	24 VDC (18 ... 30 V)
Max. input current (24 V)	500 mA
Operating power	10 W ... 18 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; CANopen: 1 x D-sub 9 plug; RS-232 serial interface: 1 x D-sub 9 plug; RS-232 + RS-485/422 serial interface: 1 x D-sub 9 plug; USB: 2 x USB 2.0 host (type A)

Physical data

Width	330 mm / 12.992 inch
Height	268 mm / 10.551 inch
Depth	47 mm / 1.85 inch
Panel cutout (W x H)	(312 x 250) mm

Mechanical data

Weight	2600 g
Front panel	Anodized aluminum, natural, polyester film
Housing material	Sheet steel, painted
Conformity marking	CE

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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

Environmental requirements


Surrounding air temperature (operation)	0 ... 50 °C
Surrounding air temperature (storage)	-10 ... 60 °C
Protection type	IP65
Note on protection type	IP65 (front side); IP20 (rear side)
Relative humidity (without condensation)	85 %
Mounting type	6 x clamping elements

Commercial data

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4050821190493
Customs tariff number	8471410000

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

Optional accessories

Mounting

Mounting accessories



Item no.: 758-879/000-303
Mounting Set; 30.7 cm (12.1")

www.wago.com/758-879/000-303

Memory card

Memory card



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

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

Cables and pluggable connectors

Connection cable

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



Item no.: 758-879/000-100
Connection cable

www.wago.com/758-879/000-100

Item no.: 758-879/000-101
Connection cable

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

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 121 SVGA TV	V 1.0.2	pdf 1.0 MB	Download
--	---------	---------------	----------

Bid Text

762-3121/000-001 doc - Datei	2015. 5. 8.	doc 29.7 kB	Download
---------------------------------	-------------	----------------	----------

762-3121/000-001 X81 - Datei	2019. 2. 19.	xml 5.5 kB	Download
---------------------------------	--------------	---------------	----------

Additional Information

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

System Description

Operation and Monitoring – General Product Information		pdf 795.2 kB	Download
--	--	-----------------	----------

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 2013. 1. 25.	zip 701.2 kB	Download
---	------------------------	-----------------	----------

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



Libraries

Library

WagoCANLayer2_01	1.0.1	pdf 788.9 kB	Download
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	2.3.9.61 2015. 7. 3.	zip 372.0 MB	Download
---	-------------------------	-----------------	----------

CAD/CAE-Data

CAD data

2D/3D Models 762-3121/000-001	URL	Download
-------------------------------	-----	----------

CAE data

WSCAD Universe 762-3121/000-001	URL	Download
---------------------------------	-----	----------

ZUKEN Portal 762-3121/000-001	URL	Download
-------------------------------	-----	----------

WSCAD Universe 762-3121/000-001	URL	Download
---------------------------------	-----	----------

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-3121/000-001 Control Panel; 30.7 cm (12.1"); 800 x 600 pixels; Target Visualization	URL	Download
---	-----	----------

Installation Notes

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



Product family

PERSPECTO

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

[Show all products from the family](#)

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