



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	14.5 cm (5.7 Inches)
Display	TFT
Display colors	4096 colors
Graphics resolution	(320 x 240) px
Contrast ratio	35:1
Viewing angle, horizontal/vertical	-10° ... 30° / -30° ... 30°
Brightness	350 cd/m2
HBT Half Brightness Time	50000 h
Visualization	Target-Visu
Communication	Modbus (TCP, UDP)

	Ethernet Modbus RTU CANopen
Operating system	Windows CE
Processor	32-bit ARM9 200MHz
Programming environment	WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Main memory (RAM)	64 MB
Internal memory (flash)	64 MB
RAM memory	1 MB
Program memory	1024 kByte
Data memory	1024 kByte
Software non-volatile memory	128 Kbytes
Type of memory card	SD card (max. 2 GB)
Baud rate	ETHERNET: 10/100 Mbit/s
Panel	Touch screen (analog, resistive)
Supply voltage	DC 24 V (18 ... 30 V)
Max. input current (24 V)	250 mA
Operating power	8 - 12W

Connection data

Connection technology: communication/fieldbus

Modbus TCP: 1 x RJ-45; Modbus RTU: 1 x D-Sub 9 connector; CANopen: 1 x RJ-45; RS-232 serial interface: 1 x D-Sub 9 connector; RS-232 + RS-485 serial interface: 1 x D-Sub 9 connector; USB: 2 x USB 2.0 host (type A)

Geometrical Data

Width	208 mm / 8.189 inch
Height	150 mm / 5.906 inch
Depth	42 mm / 1.654 inch

Mechanical data

Weight	570 g
Front panel	Plastic, polyester film
Housing material	plastic
Conformity marking	1

Environmental Requirements

Surrounding air (operating) temperature	0 ... 50 °C
Surrounding air (storage) temperature	-10 ... 60 °C
Protection class	IP65
Relative air humidity (no condensation)	85 %

Mounting type	4 x clamping elements
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Commercial data

Country of origin	DE
GTIN	4050821396871
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

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	LR Lloyds Register	-	02/20026 (E5)
	RINA RINA Germany GmbH	-	ELE134212XG

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.9

Compatible products

wiring and connectors

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

758-879
 /000-101

memory card



Item no.: 758-879/000-001
 Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C

758-879
 /000-001

assembling



Item no.: 758-879/000-301
 Mounting Set; 14.5 cm (5.7")

758-879
 /000-301

Downloads

Documentation

Manual

WAGO MODBUS Master Configurator for configuration of MODBUS networks in WAGO-I/O-PRO (CODESYS)	V 1.1.0	pdf 1.3 MB	Download
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PERSPECTO® CP, Control Panel with Target Visualisation CP 57 QVGA TV	V 1.2.1	pdf 1.1 MB	Download
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Bid Text

762-3057/000-001 PERSPECTO	Apr 4, 2012	doc 29.2 kB	Download
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Instruction Leaflet

Operating and Assembly Instructions		pdf 1.6 MB	Download
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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

3-Phase power measurement with CAN coupler on a perspecto control panel (a500810)	V1.0.0	zip 4.6 MB	Download
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PERSPECTO CP with TV Using serial interfaces (a762100)	V1.0.2	zip 701.2 kB	Download
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This application example demonstrates use of serial interfaces internal to PERSPECTO® CP control panel with Target Visualization (TV).

Backup und restore der CP-TV Konfiguration	V1.0.0	zip 552.3 kB	Download
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Dieses Applikationsbeispiel demonstriert, wie bei einem CP-TV Gerät die Konfiguration gespeichert und wiederhergestellt werden kann. Hierfür werden Retain- und Retain Persistent- Variablen in einer Datei gespeichert. Nach Änderung der Werte der Variablen sollen die gespeicherten Werte wieder zurückgespeichert werden. Es wird somit ein Backup des Programms eines Zielsystems erstellt (Speichern des Programms) und in einem weiteren Zielsystem ein Restore durchgeführt (zurückspeichern des Programms).

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 - Smart Data

CAD data

3D Download 762-3057/000-001	URL	Download
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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.
