

## 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	8.9 cm (3.5 Inches)
Display	TFT
Display colors	32,768 colors
Graphics resolution	(320 x 240) px
Contrast ratio	250:1
Viewing angle (horizontal/vertical)	-45° ... 45° / -15° ... 35°
Brightness	560 cd/m <sup>2</sup>

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

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HBT (Half Brightness Time)	50,000 h
Visualization	Target Visu
Communication	Modbus (TCP, UDP) ETHERNET Modbus® RTU CANopen
Operating system	Windows CE
Processor	32-bit ARM9 200 MHz
Programming environment	WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Main memory (RAM)	64 MB
Internal memory (flash)	64 MB
Memory	1 MB
Program memory	1024 kByte
Data memory	1024 kByte
Non-volatile software memory	128 Kbytes
Memory card type	microSD (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)	250 mA
Operating power	8 W ... 12 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-485 serial interface: 1 x RJ-45; USB: 1 x USB 2.0 host (type A)

## Physical data

Width	96 mm / 3.779 inch
Height	96 mm / 3.78 inch
Depth	29 mm / 1.142 inch
Panel cutout (W x H)	(91 x 91) mm

## Mechanical data

Weight	165 g
Front panel	Plastic, polyester film
Housing material	plastic
Conformity marking	CE

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## 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	2 x clamping elements

## Commercial data


PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4050821396840
Customs tariff number	8471410000

## Approvals / Certificates


### Country specific Approvals

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

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>NK</b> Nippon Kaiji Kyokai	-	TA17255M

### UL-Approvals

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

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## Optional accessories

### Mounting

#### Mounting accessories



Item no.: 758-879/000-300  
Mounting Set; 8.9 cm (3.5")

[www.wago.com/758-879/000-300](http://www.wago.com/758-879/000-300)

### Memory card

#### Memory card



Item no.: 758-879/000-3102  
Memory Card SD Micro; 2 GByte

[www.wago.com/758-879/000-3102](http://www.wago.com/758-879/000-3102)

### Cables and pluggable connectors

#### Connection cable

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

[www.wago.com/758-879/000-100](http://www.wago.com/758-879/000-100)

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

[www.wago.com/758-879/000-101](http://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 35 QVGA TV	V 1.2.1	pdf 972.5 kB	Download

#### Bid Text

762-3035/000-001 X81 - Datei	2019. 2. 19.	xml 5.3 kB	Download
762-3035/000-001 doc - Datei	2015. 5. 8.	doc 29.7 kB	Download

#### Instruction Leaflet

Gebrauchs- und Montageanleitung		pdf 1.6 MB	Download
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## System Description

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

### Application Note CoDeSys 2.3

Backup und restore der CP-TV Konfiguration 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).	V1.0.0 2012. 8. 22.	zip 552.3 kB	Download
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PERSPECTO Control Panel als CANopen Master (a762011) Dieses Applikationsbeispiel zeigt die Anbindung eines PERSPECTO Control Panels als CANopen Master an einen CANopen Koppler der Serie 750. Dies dient als Schnellstartanleitung um so einen kleinen Überblick in die Möglichkeiten der PERSPECTO HMIs zu bekommen.	V1.0.1 2013. 7. 10.	zip 827.0 kB	Download
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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
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## Libraries

### Library

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

### CAD data

2D/3D Models 762-3035/000-001	URL	Download
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### CAE data

WSCAD Universe 762-3035/000-001	URL	Download
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ZUKEN Portal 762-3035/000-001	URL	Download
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WSCAD Universe 762-3035/000-001	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-3035/000-001 Control Panel; 8.9 cm (3.5"); 320 x 240 pixels; Target Visualization	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.

[Show all products from the family](#)

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