

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 | 32768 colors |
| Graphics resolution | (320 x 240) px |
| Contrast ratio | 250:1 |
| Viewing angle, horizontal/vertical | -45° ... 45° / -15° ... 35° |
| Brightness | 560 cd/m ² |



| | |
|------------------------------|--|
| 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 | MicroSD (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-485 interface: 1 x RJ-45; USB: 1 x USB 2.0 host (type A)

Geometrical Data

| | |
|--------|--------------------|
| Width | 96 mm / 3.779 inch |
| Height | 96 mm / 3.78 inch |
| Depth | 29 mm / 1.142 inch |

Mechanical data

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|--------------------|-------------------------|
| Weight | 165 g |
| Front panel | Plastic, polyester film |
| Housing material | plastic |
| Conformity marking | 1 |

Environmental Requirements

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|---|---------------|
| 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 | 2 x clamping elements |

Commercial data




| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4050821396840 |
| Customs Tariff No. | 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 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---------------------------|--------------------------|------------------|
|  | LR Lloyds Register | - | 02/20026 (E5) |
|  | NK Nippon Kaiji Kyokai | - | TA17255M |
|  | 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

memory card



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

/000-3102

758-879

assembling



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

/000-300

758-879

wiring and connectors



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

/000-100

758-879



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

/000-101

758-879

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 |
|---|---------|---------------|----------|

| | | | |
|---|---------|-----------------|----------|
| 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 | | doc 29.7 kB | Download |
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Instruction Leaflet

| | | | |
|-------------------------------------|--|---------------|----------|
| Operating and Assembly Instructions | | pdf 1.6 MB | Download |
|-------------------------------------|--|---------------|----------|

Additional Information

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

Application Notes

Application Note CoDeSys 2.3

| | | | |
|--|--------|-----------------|----------|
| <p>PERSPECTO Control Panel als CANopen Master (a762011)</p> <p>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.</p> | V1.0.1 | zip 827.0 kB | Download |
| <p>Backup und restore der CP-TV Konfiguration</p> <p>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).</p> | V1.0.0 | zip 552.3 kB | Download |
| <p>PERSPECTO CP with TV Using serial interfaces (a762100)</p> <p>This application example demonstrates use of serial interfaces internal to PERSPECTO® CP control panel with Target Visualization (TV).</p> | V1.0.2 | zip 701.2 kB | Download |

Libraries

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

Engineering-Software

Configuration and Commissioning Software

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|--|-------------------------|-----------------|----------|
| <p>WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762</p> | 2.3.9.55 Jul 3, 2015 | zip 108.3 MB | Download |
|--|-------------------------|-----------------|----------|

CAD/CAE - Smart Data

| | | | |
|---|--|-----|----------|
| <p>CAD data</p> <p>3D Download 762-3035/000-001</p> | | URL | Download |
|---|--|-----|----------|



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.
