

Product information

Touchpanel

HMI570V

HMI570P



(valid from HMI-version HMI570x-**03**)

Changes to older versions of this document

- Rev. 02 → 03:** PC580P removed
- Rev. 03 → 04:** New front foil, new images, new design line, connectors added
- Rev. 04 → 05:** Information for disposal of old equipment
- Rev. 05 → 06:** Link to Security Guideline added

Description

Panel with **TFT-color touch display**

- **HMI570V/P**
5,7" TFT (320x240 pixel)

Standard configuration:

Ethernet as 2port switch

S7-connection (Put/Get)
Setup of own and partner
IP-addresses and TSAP
in VisuStage-project or
in HMI-BIOS

to communicate with
Siemens.-CPUs via their
integrated Profinet/industrial
Ethernet interface
(allow Put/Get!)

Micro-SD-slot

for Micro-SD-cards up to
8GB (for archives and
recipes only)

Status LEDs for

Power, Battery, Error, Run

Inserting stripes for Logo

and identification
(thereby customized
adaption possible easy)

Scope of delivery:

- mounting set
- technical information
- brief instruction

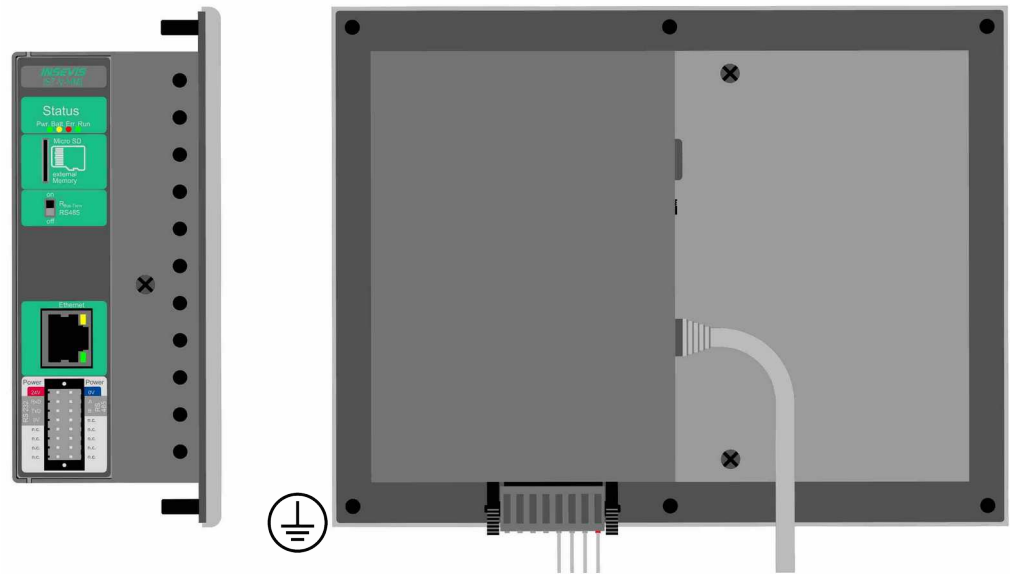


Figure above: Panel HMI570V device rear view and view from the side

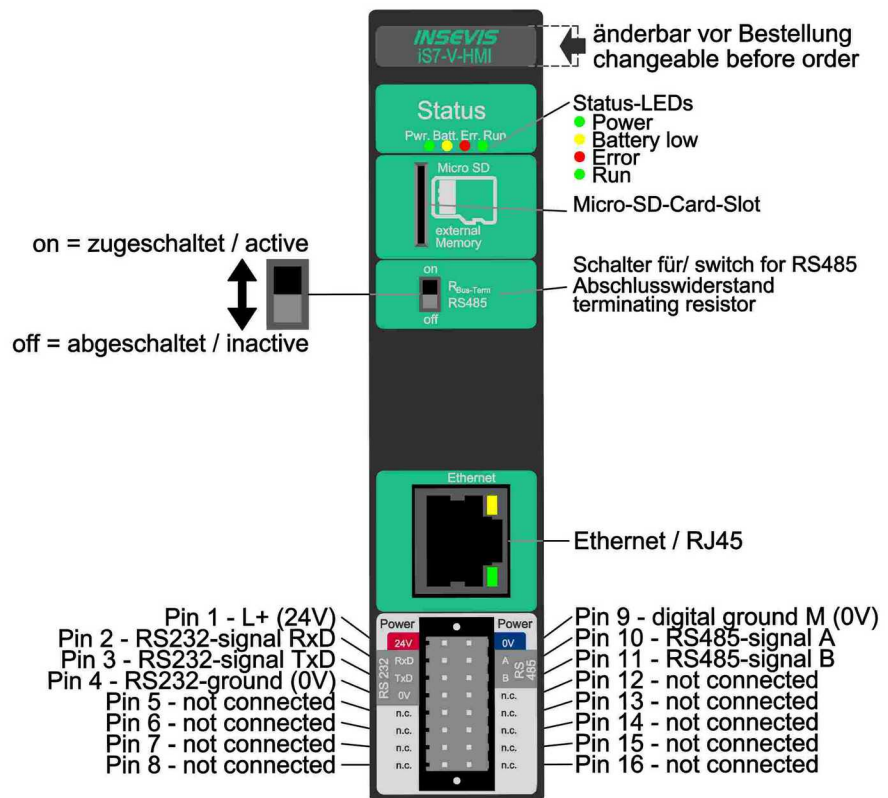
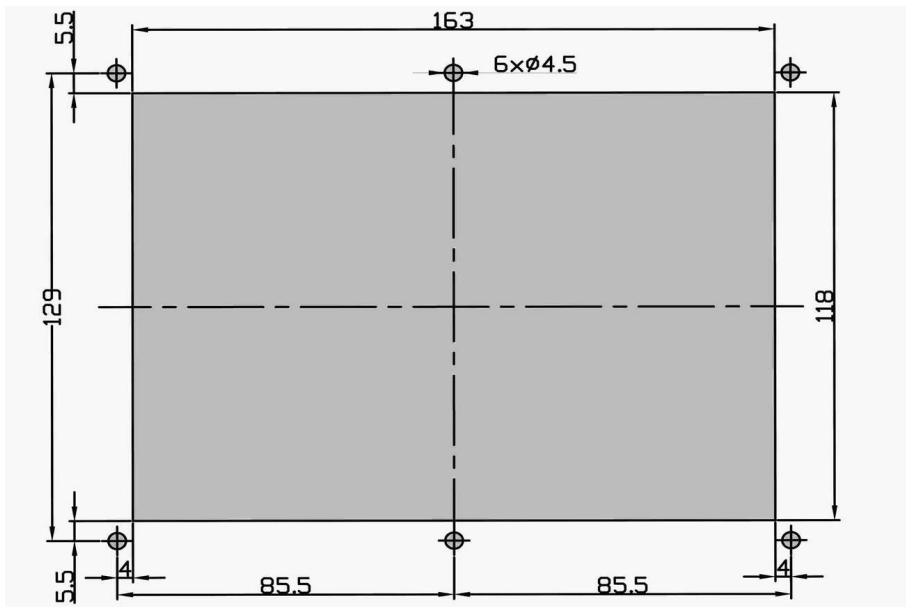


Figure above: Description of connections of all Panels with CPU-types V and P

Technical data	
Dimensions W x H x D (mm)	182 x 140 x 49
Cut out W x H (mm)	163 x 118
Weight	ca. 600 g
Operating temperature range	-20°C ... +60°C (without condensation)
Storage temperature range	-30°C ... +80°C
IP-protection class	
front panel	IP65
rear side	IP41
Connection technology	connector with pin-marked pushers and 2 bolt flanges on side (cage clamp technology) for cross sections up to max. 1,5mm²
Load voltage L+	24V DC (11 V ... 30V DC)
Current consumption	50 mA ... 650 mA
Power dissipation	2 W (typ.), 10 W (max.)
Start-up current	< 3A
Diagonal of display (inch)	5,7" (145mm)
Display resolution (pixel)	HMI570V/P: 320x240 Pixel (QVGA)
Display unit	TFT display with 16Bit colors
Operating unit	analog resistive touch screen
Visualization software	VisuStage
Reference unit	HMI570V/P

Technical data	CPUs	
CPU-type	Type V (HMI570V)	Type P (HMI570P)
Flash		
internal - for visualization	4 MByte	24 MByte
external memory	Micro SD, up to max. 8 GByte	Micro SD, up to max. 8 GByte
Real-time clock	yes (accumulator-backed hardware clock)	
Serial interfaces (protocols)	COM2: RS 485 (only physical - protocols on demand)	
Ethernet (protocols)	ETHERNET: 10/100 Mbit (RFC1006)	

Control panel cut out	
Dimensions Cut out W x H (mm) 163 x 118 6 holes with D 4,5mm Mounting depth ca. 49mm max. Wiring outlet - RJ45: in the center to the right - connector 2x16 to the bottom (rear view and horizontal mounting) - RJ45: in the center down - connector 2x16 to the left (rear view and vertical mounting)	 The drawing shows a rectangular cut out with overall dimensions of 163 mm width and 118 mm height. There are six mounting holes, each with a diameter of 4.5 mm. The holes are arranged in two vertical columns of three. The horizontal distance between the center lines of the columns is 85.5 mm. The vertical distance between the center lines of the holes in each column is 40 mm. The distance from the top edge to the center of the top hole is 5.5 mm, and from the bottom edge to the center of the bottom hole is 4 mm. The distance from the left edge to the center of the leftmost hole is 5.5 mm, and from the right edge to the center of the rightmost hole is 4 mm. Dashed lines indicate the center lines for the RJ45 and 2x16 connectors as described in the text.
Drill jig	An 1:1 pattern as drill jig is available as PDF at INSEVIS web site for this product Print it 1:1 and use it for marking the cut out.

Ordering data devices

Identification	Order-no.	Packaging unit
Touchpanel HMI570V	HMI570V-02	PU: 1 piece
Touchpanel HMI570P	HMI570P-02	PU: 1 piece

Ordering data of accessoires

Identification / Order-No.	Identification / Order-No.
Connector 2x8pin (bolt flanges) / E-CONS16-00	Micro SD-card 2GB (external memory) / E-MSD2-00
Micro SD-card 4GB (external memory) / E-MSD4-00	Micro SD-card 8GB (external memory) / E-MSD8-00

Qualified personnel

All devices described in this manual may only be used, built up and operated together with this documentation. Installation, initiation and operation of these devices might only be done by instructed personnel with certified skills, who can prove their ability to install and initiate electrical and mechanical devices, systems and current circuits in a generally accepted and admitted standard.

Manuals, sample programs

Additional documentation by manuals is available as well sample applications at the download area of www.insevis.com in English language for free download.

Copyright

This and all other documentation and software, supplied or hosted on INSEVIS web sites to download are copyrighted. Any duplicating of these data in any way without express approval by INSEVIS Vertriebs GmbH is not permitted. All property and copy rights of theses documentation and software and every copy of it are reserved to INSEVIS Vertriebs GmbH.

Trade Marks

INSEVIS refers that all trade marks of particular companies used in own documentation are reserved trade marks are property of the particular owners and are subjected to common protection of trade marks.

Disclaimer

All technical details in this documentation were created by INSEVIS with highest diligence. Anyhow mistakes could not be excluded, so no responsibility is taken by INSEVIS for the complete correctness of this information. This documentation will reviewed regularly and necessary corrections will be done in next version. With publication of this data all other versions are no longer valid.

Security Guideline

A guide on how to use this product to ensure compliance with the Cyber Resilience Act (CRA) can be found on the INSEVIS website at: [INSEVIS Security-Guideline](https://www.insevis.com/Security-Guideline) or on request at info@insevis.de.

Disposal



Do not throw old appliances in the household waste! In the interest of environmental protection, old appliances must be collected separately from unsorted municipal waste. You can find out more about the proper disposal / return of your old appliance at www.insevis.com/disposal.

Attention: The deletion of personal data on the old devices to be disposed of is the responsibility of the end user.