

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

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

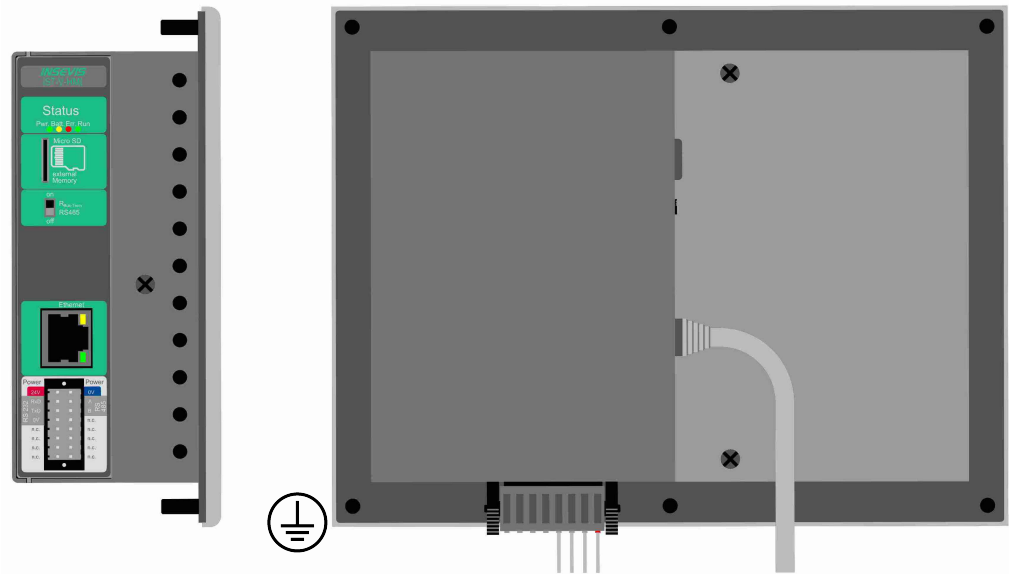


Figure above: Panel HMI570V device rear view and view from the side

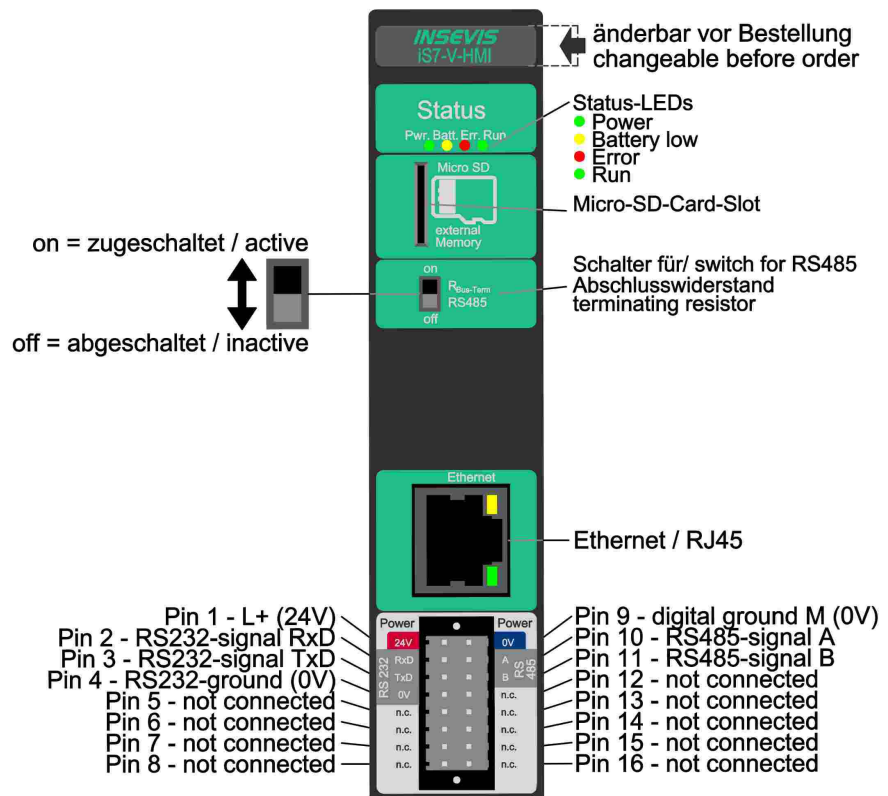


Figure above: Description of connections of all Panels with CPU-types V and P

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 rear side	IP65 IP41
Connection technology	connector with pin-marked pushers and 2 bolt flanges on side (cage clamp technology) for cross sections up to max. 1,5mm ²
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 external memory	4 MByte Micro SD, up to max. 8 GByte	24 MByte 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 a width of 163 mm and a height of 118 mm. There are six circular holes, each with a diameter of 4.5 mm, arranged in two rows of three. The top row of holes is 5.5 mm from the top edge, and the bottom row is 5.5 mm from the bottom edge. The distance between the center of the left and right holes in each row is 85.5 mm. The distance between the center of the top and bottom holes in each column is 118 mm. The distance from the center of the left hole to the left edge is 4 mm, and from the center of the right hole to the right edge is 4 mm. A dashed vertical line indicates the center of the panel.

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.

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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.

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