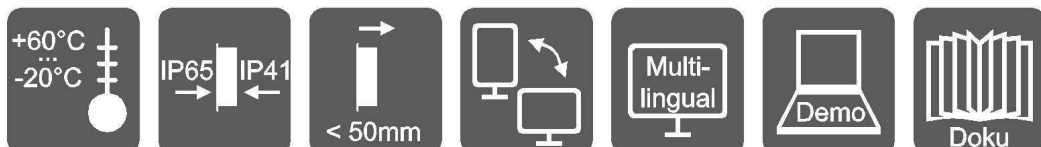


## Product Information

# Touch Panel HMI350V



## Description

Panel with TFT-colour touch panel

- HMI350V  
3,5" TFT (320x240 pixel)

### Standard configuration:

- **RS485 with**
  - physical (protocols on demand)
- **Ethernet with**
  - RFC1006,
  - Send/ Receive via TCP and UDP,
- **Micro-SD-slot**
  - for SD-cards up to 2GByte
- **Staus LEDs** for Power, Battery, Error, Run
- **Inserting stripes** for Logo and identification (thereby customized adaption possible easy)

### Scope of delivery:

- technical information
- brief instruction

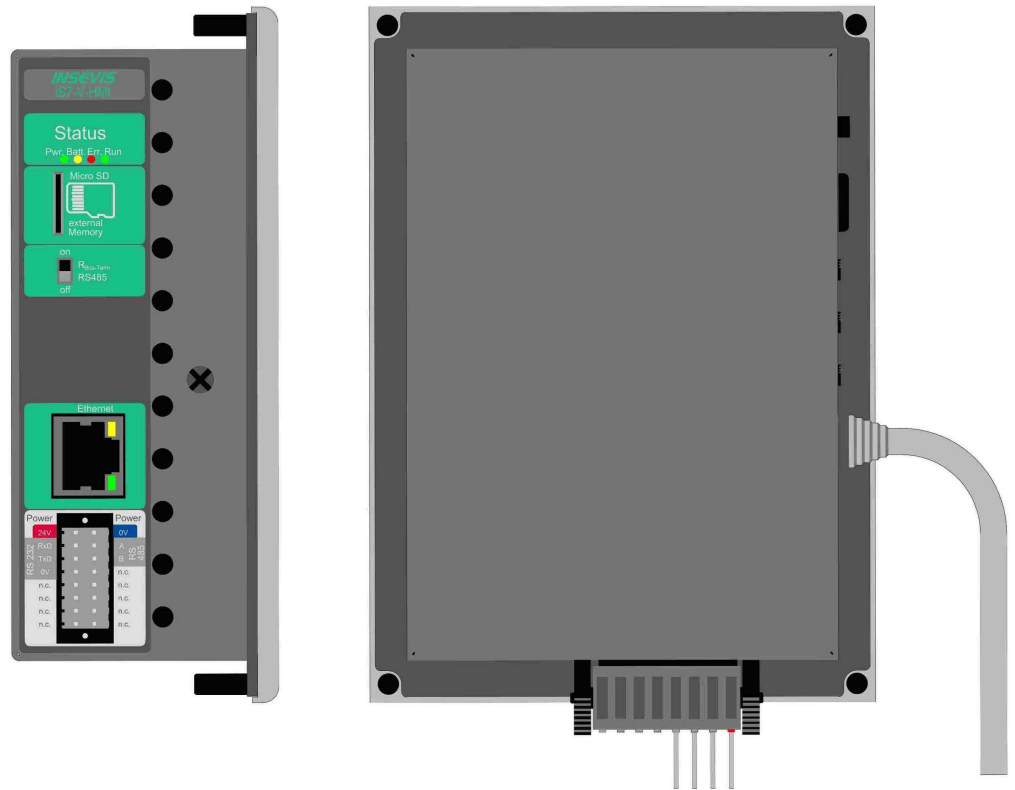


Figure above: Panel HMI350V device rear view and view from the side

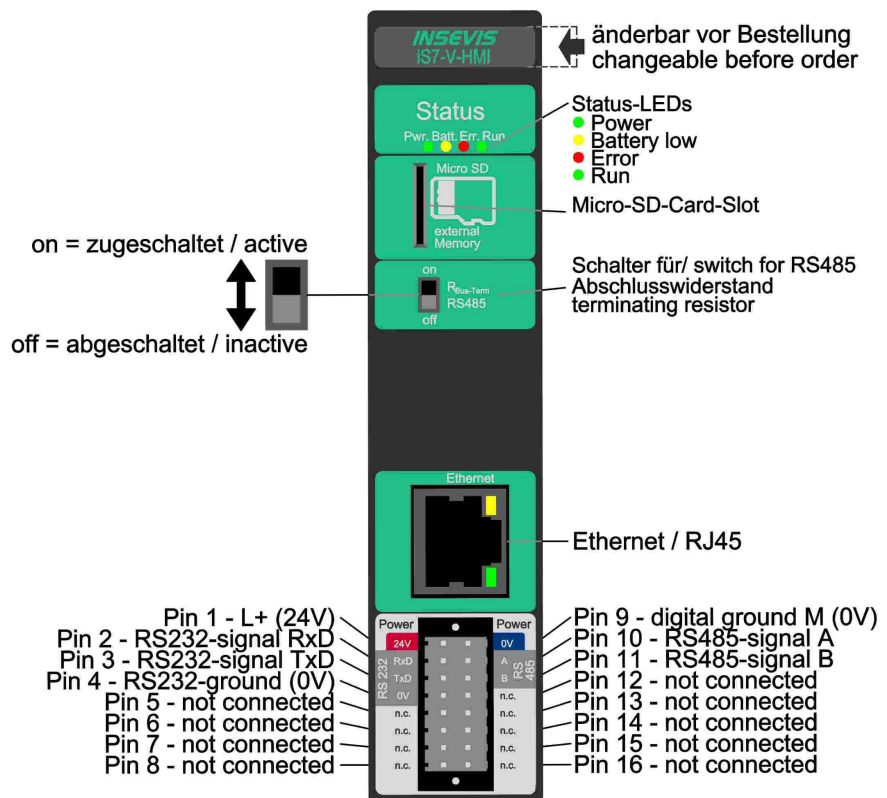


Figure above: Description of connections of all Panels with CPU ValueLine

Technical data	
Dimensions W x H x D (mm)	132 x 96 x 49
Cut out W x H (mm)	118 x 84
Weight	ca. 700 g
Operating temperature range	-20°C ... +60°C
Storage temperature range	-30°C ... +80°C
IP-protection class front panel rear side	IP65 IP41
Connection technology	unlockable connector with self-lock and 2 lift-arms (cage clamp technology) for cross section up to max. 1mm <sup>2</sup>
Load voltage L+	24V DC (11 V ... 30V DC)
Current consumption	20 mA ... 450 mA
Power dissipation	1,5 W (typ.), 6 W (max.)
Start-up current	< 3A
Diagonal of display (inch)	3,5" (89mm)
Display resolution (pixel)	320x240 pixel (QVGA)
Display unit	TFT display with 16Bit colours
Operating unit	analog resistive touch screen
Visualization software unit to reference	VisuStage PC350V
Flash internal - for visualization external memory	4 MByte Micro SD, up to max. 2 GByte (recommended speed class C6, not necessary for operation)
Real-time clock	yes (accumulator-backed hardware clock)
Seriell interfaces (protocols)	COM2: RS 485 (only physical - protocols on demand)
Ethernet (protocols)	ETHERNET: 10/100 Mbit (RFC1006)

Control panel cut out	
<b>Dimensions</b>	
Cut out W x H (mm) 118 x 84 4 holes with D 4,5mm	<p>The drawing shows a rectangular cut out with a width of 118 mm and a height of 84 mm. The overall width including mounting tabs is 125 mm, and the overall height including mounting tabs is 89 mm. There are four mounting holes, each with a diameter of 4.5 mm, located at the corners. The distance from the center of the cut out to the center of each hole is 3.5 mm horizontally and 2.5 mm vertically. The mounting tabs are 2.5 mm wide.</p>
Mounting depth ca. 49mm max.	
Wiring outlet - to the right (rear view and horizontal mounting) - down (rear view and vertical mounting)	

## Sample programs



Internet: [www.insevis.de](http://www.insevis.de)  
 → Service  
 → Demoprograms - Panel-HMI  
 → name. zip

INSEVIS provides sample programs for each function, well documented for free download

## Ordering data devices

Identification	Order-no.	Packaging unit
Touchpanel <b>HMI350V</b>	HMI350V-02	PU: 1 piece

## Ordering data accessoires

Identification	Order-no.	Packaging unit
Connector 2x8pin	E-CON16-00	PU: 1 piece
Connector 2x8pin with 3m cable (0,75mm <sup>2</sup> , black) per pin	E-CONC16-00	PU: 1 piece
Mounting set for 3,5"-devices *	E-MNT35-00	PU: 10 pieces
VA- Drill jig for 3,5"-devices, stainless steel	E-DRL35-00	PU: 1 piece
Micro-SD card 1GB (external memory)	E-MSD1-00	PU: 1 piece
Micro-SD card 2GB (external memory)	E-MSD2-00	PU: 1 piece
3D-doming label with custom logo for front side	E-LAB3D-OEM	PU: 100 pieces
Inserting stripe H for logo and identification for rear side	E-LABH-OEM	PU: 100 pieces

\* (1x already part of first deliveries scope)

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