

Product Information

Touch Panel

HMI350V

HMI350P



(valid from HMI-version HMI350x-xxx-**03**)

Changes to older versions of this document

In Rev. 2 changed:: adapted to serial delivery version 2012

Description

Panel with TFT-colour touch panel

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

Standard configuration:

- Ethernet with
- RFC1006,
- Micro-SD-slot
- for SD-cards up to 8 GByte
- 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

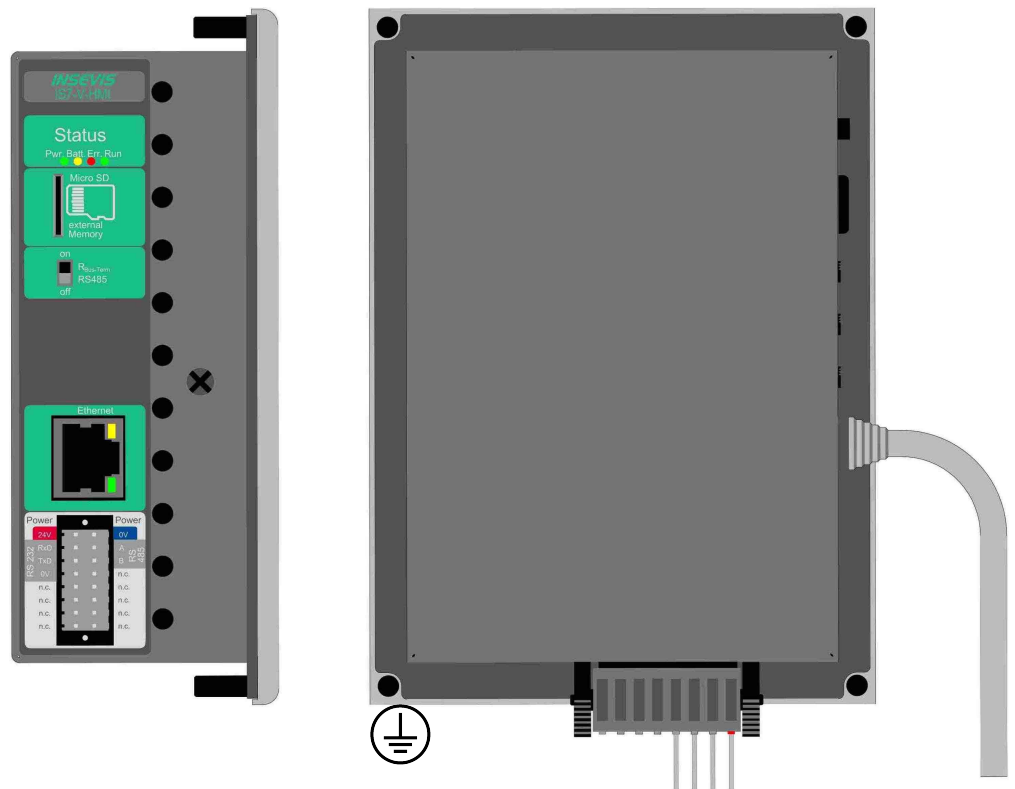


Figure above: Panel HMI350V device rear view and view from the side

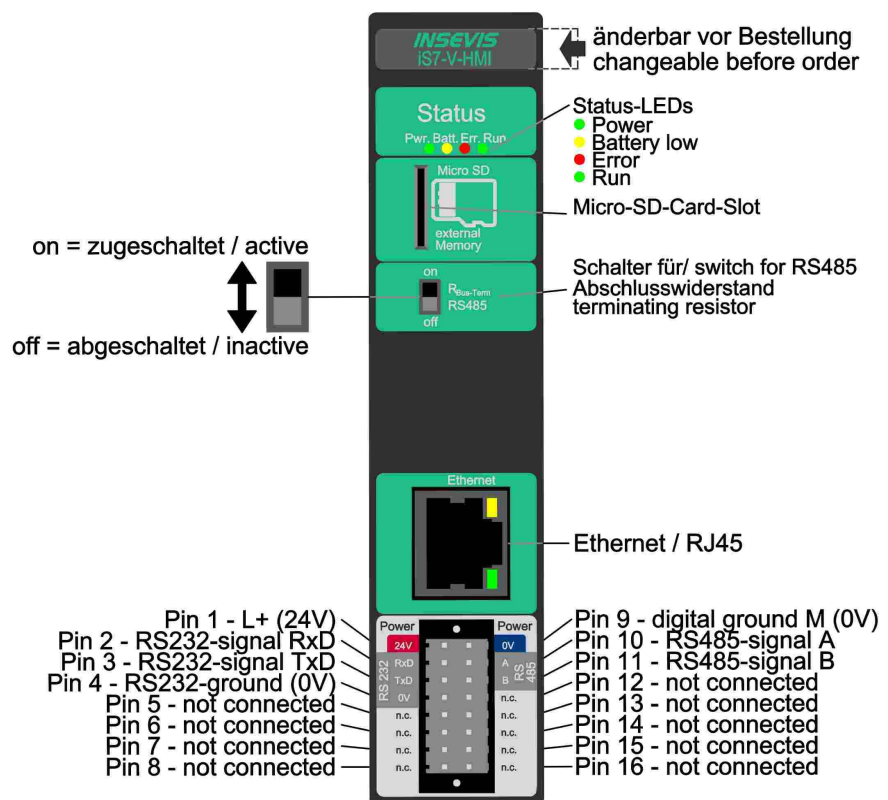


Figure above: Description of connections of all Panels with CPU-types V and P

Technical data	
Dimensions W x H x D (mm)	132 x 96 x 49
Cut out W x H (mm)	118 x 89
Weight	ca. 450 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	unlockable connector with self-lock and 2 lift-arms (cage clamp technology) for cross section up to max. 1,5mm ²
Load voltage L+	24V DC (11 V ... 30V DC)
Current consumption	20 mA ... 350 mA
Power dissipation	1,5 W (typ.), 4,2 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	VisuStage
Reference unit	PC350

Technical data	CPUs	
CPU-type	Type V (HMI350V)	Type P (HMI350P)
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)	
Seriell 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) 118 x 84 4 holes with D 4,5mm	
Mounting depth ca. 49mm max.	
Wiring outlet - to the right (rear view and horizontal mounting) - down (rear view and vertical mounting)	

Documentation and samples



Internet: www.insevis.de
 Box: Products / Panel-HMI
 Download: TI-HMI xxxx.pdf
 Box: Documentation
 Download: Manual Panel-HMI.pdf



Internet: www.insevis.de
 Box: Service
 Panel-HMI
 INSEVIS provides sample programs for each function, well documented for free download

Ordering data devices

Identification	Order-no.	Packaging unit
Touchpanel HMI350V	HMI350V-02	PU: 1 piece
Touchpanel HMI350P	HMI350P-02	PU: 1 piece

Ordering data accessoires

Identification / Order-No.	Identification / Order-No.
Connector 2x8pin (for PLC) / E-CON16-00	VA- Drill jig for 3,5"-devices, stainless steel / E-DRL35-00
Mounting set for 3,5"-devices * / E-MNT35-00 (PU10 pcs.)	Profibus-adapter for 12MBaud-nets / E-AD-DP12
Micro SD-card 1GB (external memory) / E-MSD1-00	Micro SD-card 4GB (external memory) / E-MSD4-00
Micro SD-card 2GB (external memory) / E-MSD2-00	Micro SD-card 8GB (external memory) / E-MSD8-00
3D-doming label with custom logo for front side (PU100 pcs.)	Inserting stripe H for logo + identification for rear side (PU100 pcs.)
OEM-Firmware with customized logo included / SW-BS-OEM	

* (1x already part of first deliveries scope)

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