

Product information

S7-Panel-HMI

HMI1010T



(valid from HMI-version HMI1010T-**02**)

Changes to older versions of this document

Rev. 01 → **02**: new images, new design line, connectors added, drill jig info added

Rev. 02 → **03**: Slim-Line CPU-T implemented

Description

S7-Panel-HMI with

- 10,1" TFT display (1024x600 pixel)
- resistive touch (front protection class IP65)

Standard configuration:

Ethernet with

- RFC1006 (S7-communication), Setup of own and partner IP-addresses in VisuStage-project or BIOS

Micro-SD-slot

for Micro-SD-cards up to 8GB

State LEDs for

Power, Battery, Error, Run

Inserting stripes

- for Logo and identification (thereby customized adaption possible easy)

Scope of delivery:

- Mounting kit with grounding terminal
- Technical data sheet

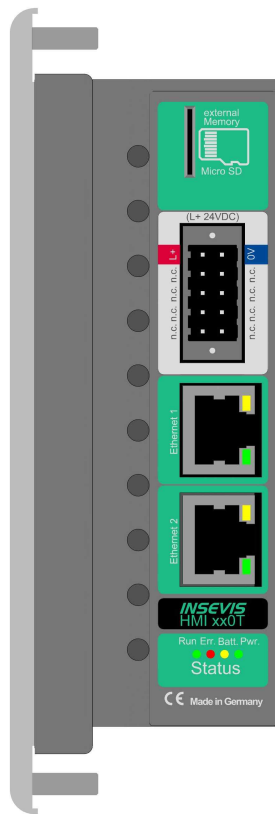
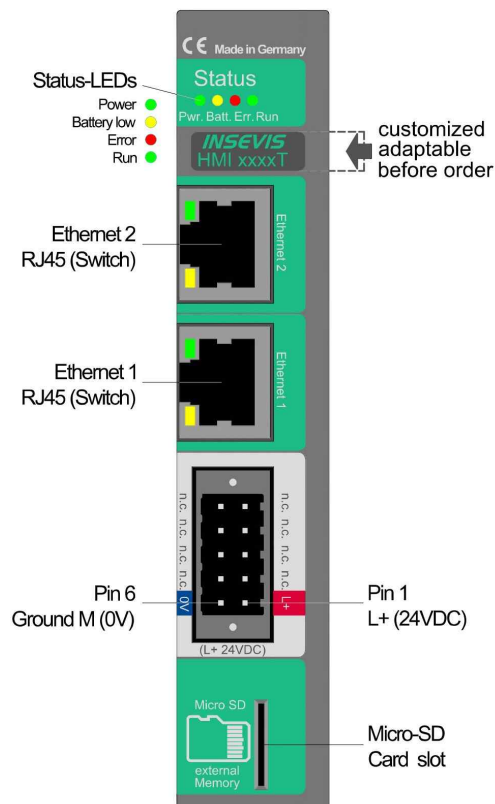


Figure above: View to rear side and connections sides of HMIxxx0T with Slim-CPU type T (horizontal use)

Figure below: CPU-connections of all Panel-HMI with Slim-CPU type T



Technical data	
Dimensions W x H x D (mm) Cut out W x H (mm) Weight	286 x 188 x 53 (48mm mounting depth) 262 x 165,5 ca. 950 g
Operating temperature range Storage temperature range	-20°C ... +60°C (without condensation) -30°C ... +80°C
IP-protection class front panel rear side	IP65 IP41
Connection technology	removable connector with 2 lift arms or 2 bolt flanges (cage clamp technology) for cross section up to max. 1,5mm ²
Load voltage L+	24V DC (11 V ... 30V DC)
Current consumption Power dissipation	350mA 8,4W (typ.)
Start-up current	< 3A
Diagonal of display (inch) Display resolution (pixel)	10,1" (258mm) 1024x600 Pixel (16:9)
Display unit Operating unit	TFT display with 16Bit colours analog resistive touch screen
Visualization tool unit to reference there	VisuStage HMI1010T

Technical data	CPU
CPU-type	CPU-T (HMI1010T)
Flash internal - for visualization external memory	48 MByte Micro SD, up to max. 8 GByte (only for archiving)
Ethernet (protocols)	2x Ethernet (switch) (RFC1006 / S7-communication to S7-CPU)

Cut out in switching cabinet

Dimensions / Cut out
W x H (mm) / 262 x 165,5
10 holes with D 4,5mm

Mounting depth
ca. 48mm max*

Wiring outlet
standard interfaces
2x RJ45 (Ethernet-switch)
E-CON(S)10 (power)
→ to the left

*) at rear view and horizontal mounting

**Ausbruch für / cut out for
PC1000P / PC1011P / HMI1000P
PC1010T / PC1017T / HMI1010T**

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 of devices

Identification	Standard
S7-Panel-HMI HMI1010T	HMI1010T-03

Ordering data of accessoires

Identification / Order-No.	Identification / Order-No.
Connector 2x5pin (lift arms) / E-CON10-00	Connector 2x5pin (bolt flanges) / E-CONS10-00
Mounting / grounding set for 10,1" devices*/E-MNT57-00	OEM-inserting stripe H for logo / identification for rear side / E-LABH-00
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

* (1x already part of first deliveries scope)

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.

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