

EP-370 5.7 bis 15"



- **WindowsCE/XP/XPe**
- **Touch-screen**
- **Intel-Atom CPU up to 1,6GHz**
- **2xEthernet onboard**
- **Exchangeable CompactFlash™**
- **EtherCAT, Profibus, MPI, CANopen¹**
- **Soft-Motion¹**

The new generation of **EthernetPanel EP-370** devices features the 1GHz class continuously from 5,7" up to 15" within the **openAutomation** concept of Grossenbacher Systeme AG. They are based on the Intel Atom 1,1GHz-x86-CPU with WindowsCE/XP/XPe and Ethernet on-board.

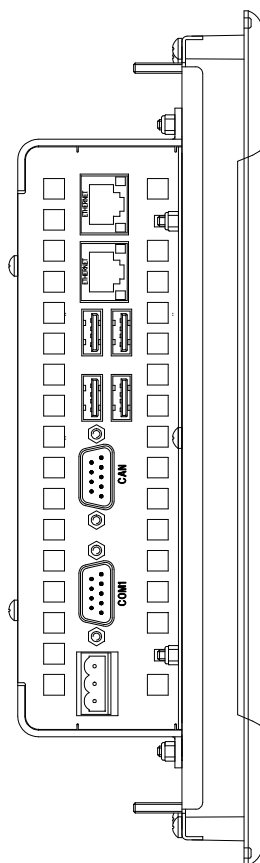
In the basic configuration the device can be used as „HMI“ or as a user programmable „HMI-Open“ with 2xEthernet and USB onboard. The fieldbus interfaces EtherCAT, CANopen, ProfibusDP-Master/Slave or MPI are available optionally.

With CoDeSys V3 IEC-61131 Soft-PLC the device can be used as "HMI-Control" with **EtherCAT-Master**, Codesys TargetVisu, WebVisu, integrated Soft-PLC and with CoDeSys Soft-Motion. Alternatively the **STEP7® compatible Soft-PLC AT-S7** is available, which can be programmed with standard **SIMATIC Manager** via Ethernet.

An exchangeable Compact-Flash™ is used as mass storage device. Without moving parts the devices are "at home" in rugged environment!

For fast, intuitive and fatigue free operation two approved touch-screen technologies are available: the service free infrared touch-screen with scratch resistant safety glass or the seamless resistive touch-screen.

¹ Option



Technical data

System		
Processor	Intel ATOM 1,1GHz up to 1,6GHz	
Memory	512MB DDR-RAM up to 1GB	
Data-/Program memory	exchangeable CompactFlash™ up to 16GB or Harddisk, optionally SDCARD	
Display		
Display area: Resolution	5,7": 320x240/640x480, 7,5"/10,4": 640x480 12": 800x600, 15" 1024x768	
Type / Number of colours	Colour-TFT with 256k (18Bit)	
Backlight	dimnable via software	
Touch		
Infrared touch-screen	safety glass, non-reflective	
Resistive touch-screen	seamless polyester/glass laminate	
Interfaces		
Ethernet	2 x 10/100/1000MBit	
Serial	1 x COM1	
USB	4 x USB-Master 2.0	
CAN	1 x CANopen not isolated 1MBit ²	
Retainmemory	256kB	
Option Profibus	1 x DP Master/Slave/MPI	
Option DVI	1 x DVI	
Option Harddisk	1 x SATA	
Operating system		
Windows	CE6.0/XPe/XP Professional	
Power supply		
Rated voltage	24VDC, 8.2W to 20.5W	
Voltage range	18,5...30,2VDC	
General Data		
Operating climate	0..50°C vertical installation 0..40°C tilted installation max. 35° 10...90% rel. air humidity, non-condensing	
Storage climate	-20...60°C 10...90% rel. air humidity, non-condensing	
Standards	CE-conformity	
Degree of protection	IP65 front, IP20 rear	
EMC class	EN61000-6-2, EN61000-6-3	
Mounting form	installation housing	
Dimensions		
Front (W x H x D)	BOX :	221 x 139 x 52 mm
	5,7":	212 x 156 x 76 mm
	7,5":	248 x 192 x 73 mm
	10,4":	345 x 260 x 85 mm
	12"	361 x 279 x 84 mm
	15"	427 x 332 x 84 mm
Ordering information		
EP-370-BOX-000	5081389	
	infrared touch screen	resistive touch-screen
EP-370-05x-000	-05I: 5081383	-
EP-370-07x-000	-07I : 5081382	-
EP-370-10x-000	-10I: 5081381	-10R-: 5081387
EP-370-12x-000	-12I: 5081380	-12R-: 5081388
EP-370-15x-000	-15I: 5081379	-15R-: 5081386

² optionally isolated max. 500kBit