**Control units
TOUCH11/PC
Operator's panel**

SofCon®
AUTOMATIZAČNÍ TECHNIKA

6.21

- Operator's panel

- 5,7" colour LCD display,
  resolution 640x480

- Analog resistive touch screen

- Processor AMD Geode
  LX800/500MHz

- RAM 256MB

- Compact Flash 512MB

- Ethernet 1Gbit/s

- Panel-side protection IP65

- Designed for panel mounting

Basic characteristic

TOUCH11/PC is small operator's panel, designed for visualisation of technological processes, for data collection and as a graphical interface "man-machine".

The operator's panel base consists of processor board with integrated peripheries (VGA, 2xRS232, 4xUSB, ETHERNET, 1xLPT, 1xPS2 (keyboard and mouse), 1xIRDA 115 kb/s, audio), with AMD GEODE LX800 processor, RAM 256MB or higher and CompactFlash 512MB or higher.

LCD display has 5,7"diagonal, 640x480 pixels resolution and white LED backlight. The display is completed with an analog resistant touch screen.

TOUCH11/PC built into a metal cover with the front-side protection IP65 and the rear-side protection IP20. On the side of the panel are connectors for communication RS232, 2x USB and Ethernet and audio output and supply connector.

TOUCH11/PCis supplied with OP XP Embedded.

Technical data

Power supply	10-35VDC	**Protection**	IP65 front side
			IP20 rear side
Input	Max.10W	**Environment**	Non air-conditioned, without
			aggressive gasses and steam
Processor	AMD Geode LX800/500MHz	**Ambient temperature**	0 - 50 °C
RAM	256MB	**Mounting**	Horizontal
CompactFlash	512MB	**Atmospheric pressure**	80 - 107kPa
OS	XP Embedded	**Operation**	Continuous
Interface	Centronics (LPT)	**Relative humidity**	40 - 85 %, non-condensing
	2xRS 232		
	4xUSB	**Dimensions**	166x142x50 mm
	1xEthernet 1Gbit/s		
	1xPS2 (keyboard, mouse)	**Weight**	2 kg
	1xIRDA		
	AUDIO		

Display		Touch screen	
Type	TFT 262 144 colours	**Technology**	analog resistant, 4-wires
Diagonal	5,7"	**Activation power**	lower than 80g, typicaly25g
Displaying area	116x87 mm	**Linearity**	better than 1,5%
Resolution	640x480	**Surface hardness**	2H
Observation angle	±70° horizontal	**Resistance**	dissolvent, lye, acids, ...
	±50° vertical	**Durability**	1 000 000 presses at a single
Backlight	white LED		point (silicon finger, radius
Brightness	180 cd/m2		8mm, power 80kg)
Contrast	300 : 1		
Lifetime	40 000 hours (brightness decrease to half)		

Order datas

TOUCH11/PC is standardly supplied with AMD Geode LX800/500MHz processor, 256MB RAM, 512MB CompactFlash and OS XP Embedded.

At a special request can be a different configuration supplied, e.g.:
- RAM 512MB, 1GB
- CompactFlash of higher capacity

Mounting hole dimension

120

145$^{+1}_{0}$

Panel for peripheries connection

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