



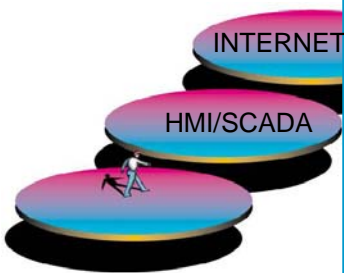
AL104CE/XP-HMI Windows CE 10.4" VGA TFT Color Touchscreen with Web Studio

S O P H I S T I C A T E D ® A U T O M A T I O N

Cost-effective SCADA / HMI for small-to-large size projects.



Same development environment for creating Windows NT/2000/XP/CE and Web applications



Web - Ready SCADA

Introduction

The AL104XP/CE-HMI is a miniature and compact platform that has excellent system performance and function. The x86 CPU Core provides the maximum compatibility with the vast amount of Internet content available while the intelligent integration of several other functions, including graphics, makes the AMD Geode™ LX processor a true system level multimedia solution.

The AL104XP/CE-HMI has full support for Web Studio SCADA software.



WinCE/XP 10.4" VGA TFT Touchscreen with Web Studio SCADA application

Specifications

- **Construction:** plastic molding housing
- **Display:** 10.4" VGA Color TFT LCD
- **CPU and Core logic:** AMD Geode™ LX800 / 500 MHz core processor
- **DRAM:** 256MB onboard DDR-400MHz SDRAM
- **Storage:** 44-pin IDE interface (Disc On Module slot)
- **I/O:** 3 serial ports (2 physical):
Com1: RS-232/RS-485 2w/4w,
Com2: RS-232,
Com3: RS-232/RS-485 2w
- 1 Ethernet port (10/100Base-T)
- 2 USB 2.0 full-speed host (12Mbps)
- **Sound output:** AC'97 Stereo codec
- **RTC:** Built-in Real Time Clock
- **Power input:** 24 VDC / 1.25A maximum
- **Dimension (W x H x D):** 286 x 212 x 50mm
- **Weight:** about 1.6kg
- Fan-less cooling system
- **Operating System:** Windows CE OR Windows XP Embedded. Look order information!
- **NEMA4 / IP65** compliant front panel
- **Full support of Web Studio SCADA!**

Order:

- **When ordering define the needed Operating System (XP 1G DOM / CE 256M DOM) and the version of Web Studio Runtime license!**

LCD Display

Display type	TFT Color LCD
Display size (diagonal)	10.4"
Max colors	65536
Resolution	640 x 480
Viewing angle (°)	40/50/60/60 (T/B/R/L)
Luminance (cd/m ²)	400
Backlight	CCFLx2
Contrast ratio	300:1

Touchscreen

Type	4-wire, analog resistive
Resolution	Continuous
Light transmission	Above 80%
Life	1 million activation minimal

Environmental

Storage temperature	-20 ~ 60 °C
Operating temperature	0 ~45 °C
Relative humidity	10% ~ 90% @ 40°C, non-condensing
Shock (operation)	10 to 25Hz (x,y,z direction) 2G 30 minutes
EMI	Complies with FCC class A
CE	Complies with EN50081-2 and EN50082-2 standards
Enclosure (Front panel)	NEMA 4 / IP 65

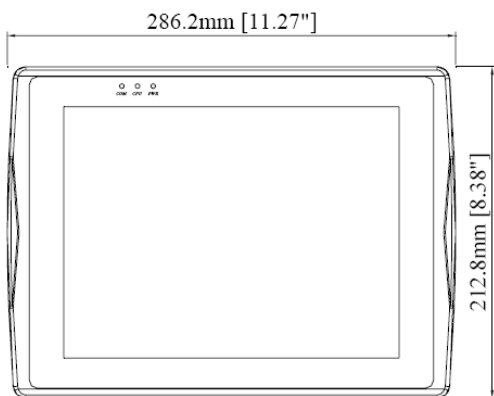
Web Studio – SCADA



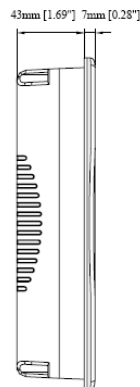
THE AUTOLOG®FAMILY
 AUTOLOG®PLC AUTOLOG®GSM AUTOLOG®OEM
 AUTOLOG®RTU AUTOLOG®TETRA AUTOLOG®HMI



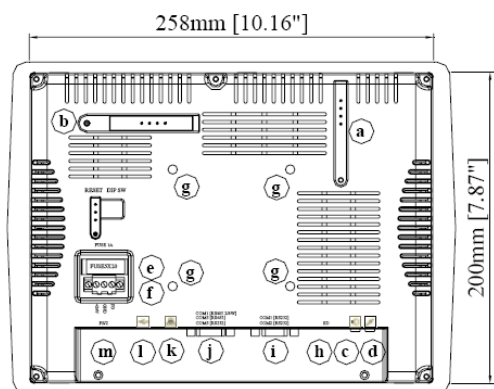
AL104CE/XP-HMI Windows CE 10.4" VGA TFT Color Touchscreen Dimensions



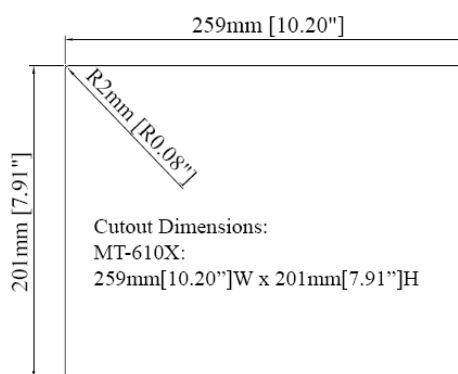
Front View



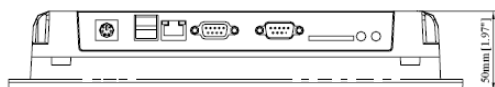
Side View



Rear View



Cutout Dimensions:
MT-610X:
259mm[10.20"]W x 201mm[7.91"]H



Bottom View

A	N/A	H	SD card slot
B	IDE interface (DOM slot)	I	Com1 RS485, Com3 RS485, Com3 RS232
C	Line out	J	Com1 RS232, Com2 RS232
D	Mic in	K	Ethernet port 10/100 Base-T
E	Fuse Reset button	L	USB Host Port x 2
F	Power connector	M	PS/2 port connector
G	VESA 75mm screw holes		



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