



RS — **232**
485



Industrial operator panel HMI ATT1210

Category:	HMI Operator Interface Panels
Manufacturer:	Mobilator
Power:	12-24V
Dimensions:	319 x 259 x 46.5mm
Weight:	~1800g
:	2x USB 2.01x USB 2.0 Slave3x RS2322x RS485RJ-45 LANMicro SD
:	Gray
:	-----
:	256MB
:	512MB
:	ARM A8 Core 1GHz
Expansion:	-----
Humidity:	20% - 70% non-condensing
Temp:	-20°C - 60°C
Storage Temp:	-20°C - 70°C

IP Norm:	-----
Graphic Card:	-----
LAN:	Yes - 1 x 100Mbps
Bluetooth:	-----
Screen size:	12.1"
Resolution:	800 x 600px
Supported OS:	Windows CE 6.0/Linux
Touchscreen:	Resistive
Installed OS:	Windows CE 6.0
Contrast Ratio:	-----
Brightness:	250cd/m ²
Fanless:	Yes
Color Resolution:	16M
Housing material:	High quality aluminium
Power Consumption:	-----
Others:	-----

Product from the Archive - production finished



Specification

Description

Protection

Communication

Application

Industrial operator panels also known as control panels are devices that control other electronical devices using convenient and intuitive touch interface. Thanks to its robust design, these devices are suitable for use even in harsh environments.

Specification

Processor	ARM Cortex A8 1GHz
RAM	512MB
Display	12.1" LCD (800x600) Resistive
Flash memory	256MB
Connectors	USB 2.0 USB 2.0 Slave RS232 RS485 RJ-45 LAN Micro SD (max. 32GB)
System operacyjny	Windows CE 6.0/Android 4.4.2
Dimensions	319 x 259 x 46.5mm
Weight	~1800g

Check "Available versions" tab to see available configurations of this device. To get more information about this product click "Ask about the product" or use the [Contact form](#).



Description



Multitasking OS

HMI is equipped with an operating system from Windows CE or Android family, which ensures maximum efficiency of the device and easily copes with multiple processes simultaneously. Convenient interface makes the operator panels as much intuitive as possible.

Efficient processor

An important advantage of the HMI ATT1210 is a powerful combination of small size with considerable capabilities through the use of the processor family ARM Cortex A8 with 1GHz clock speed, which, combined with 512MB of RAM gives us a powerful, multi-purpose, quality device for a low price.

Small size

HMI ATT1210 is equipped with a 12.1 inch screen and the overall size of its design is only 319mm x 259mm x 46.5mm. Its weight is only 1800 grams. With such a small size it can be used in even if there is not much available space. In addition, HMI has the possibility to mount it on a wall for the greatest convenience and ease of access.

Solid construction

HMI enclosure is made from a plastic of a highest quality, providing a very high resistance to mechanical damage. With this construction it is ready for use even in extreme conditions such as heat, cold or vibration at any time. In addition.

Low power consumption

Using the latest technology, HMI ATT1210 is designed for continuous operation with a very low power consumption at 12-24V.

Protection

Work temperature	-10 - 60
Storage temperature	-20 - 70
Humidity	20% - 70% (non-condensing)

Communication



1. DC24V / GND

4. RJ-45 LAN

7. RS232/485 COM (J1)

2. 2x USB 2.0

5. RS232 COM

8. Digital output (J2)

3. USB Slave

6. RS232 COM

Digital and analog I/O interfaces are optional.

Pin	J4 (optional)	J3 (optional)	J2 (optional)	J1 (standard port)	The equipment name in WinCE
1	CAN_L	IN0	OUT0	COM1_RX	COM1
2	CAN_H	IN1	OUT1	COM1_TX	
3	GND	IN2	OUT2	GND	
4	ADO	IN3	OUT3	COM2_RX	COM2
5	AD1	IN4	OUT4	COM2_TX	
6	AD2	IN5	OUT5	COM4_RX	COM4 (debug serial port)
7	AD3	IN6	OUT6	COM4_TX	
8	GND	IN7	OUT7	GND	
9		EXT-GND		COM3_D+	COM3 (RS485 port)
10		EXT-PWR		COM3_D-	

CONNECTOR TYPE	QUANTITY
USB 2.0	2
RS232	3
RS485	2
DC 24V	1

USB Slave	1
RJ-45 LAN	1
Micro SD	1

PLC

PLC is a universal microprocessor device designed to control the operation of the machine or technological equipment. PLC must be adapted to the HMI device by introducing into its memory the desired algorithm for operation of the plant. A characteristic feature of the PLC controller distinguishes this from other drivers computer is cyclic circulation of program memory. The algorithm is stored in a dedicated controller programming language. You can change the algorithm by changing the contents of program memory. The driver provided with a suitable number of input circuits gathering information on the object status and requests service and the appropriate number and type of output devices connected to the actuators, signaling or data.

PLC is not included in the standard equipment - it must be purchased separately.

Application





Warehouse

Industrial HMI operator panel can be used to connect multiple devices in the warehouse and make them easier to control. And its robust design is perfectly designed for the harsh conditions prevailing in these areas. Dust or dirt will not prevent this device from working, it will work flawlessly even in polluted environments.

available in the **Technical data** tab.

Thanks to the ease of specific tasks, it's widely used in mediation between processes, giving you many situations.

