

Control unit / HMI WBGAC150X corresponds to MT8150XE



- 15" IPS LCD graphic display 1024x768 pixels
- Aluminum housing
- Fanless cooling system
- 256 MB Flash memory on-board
- Real-time clock RTC
- IP65 front, NEMA4 compliant
- SD card slot, supports SD and SDHC cards
- COM1 or COM3 (2-wire RS485) supports MPI up to 187.5 k
- USB host and USB client
- Long life LED backlight

<https://www.wachendorff-prozesstechnik.de/en/WBGAC150X>

Description

The WBGAC150X from Weintek is characterized by the combination of a brilliant display and a long service life of the LED backlight. The device can be used as a classic HMI, human-machine interface, but can also be used in almost all areas of industrial automation thanks to a wide range of additional functions. The very easy-to-use and logically structured configuration software enables flexible use and facilitates adaptation to a wide variety of tasks. In addition to pure machine operation, data logging, trend graphics and user-defined symbols are also possible. The fanless system with a 32-bit Cortex A8 CPU with 1 GHz and generously dimensioned RAM ensures plenty of computing power and fast page switching. The WBGAC150X is ideal for medium and large machine operation with high demands.

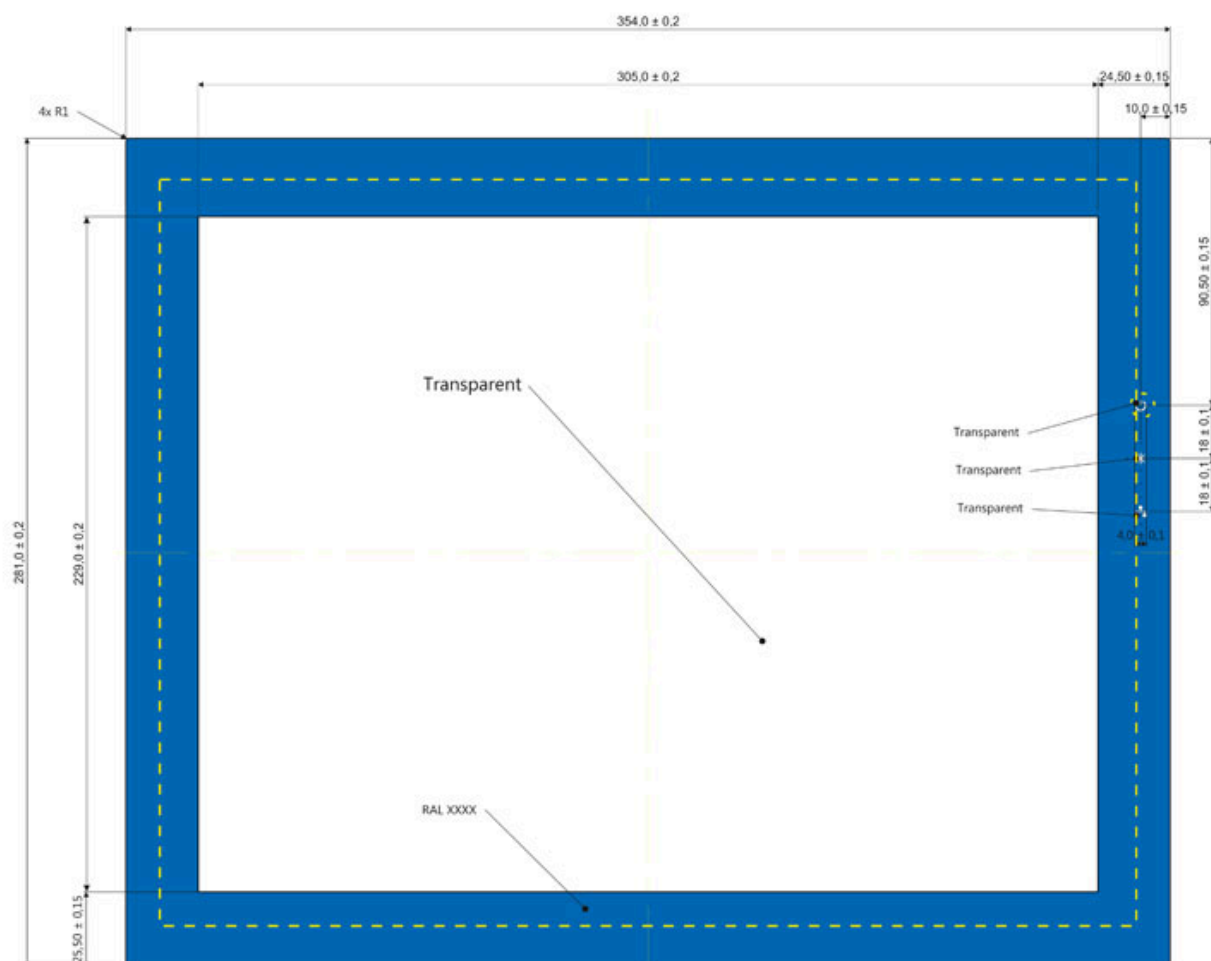
Protection class:	IP65, NEMA 4 Indoor
Housing:	Sturdy aluminum housing.
Weight:	approx. 2,750 g
Shock:	10 Hz to 25 Hz (X, Y, Z direction 2 g over 30 minutes)
Ambient temperature:	Operation: 0 °C to +50 °C. Storage: -20 °C to +60 °C.
Relative humidity:	max. 90 % rH, non-condensing.
Scope of delivery:	Device, seal, fastening material, replacement fuse.
Manufacturer:	Weintek Labs, Inc

Product details

Power supply:	24 VDC +/-20 %; 1.2 mA max. Connection via plug-in 3-pin terminal strip.
Display:	Size: 15" Resolution: 1024 x 768 pixels Display: IPS-LCD Touch Brightness: 400 cd/m ² Colors: 16.2 million Reading angle (O/U/R/L): 89°/89°/89°/89° (T/B/R/L) Contrast: 1000:1
Touch display:	4-wire analog resistive. Backlight via LED with a typical service life of 50,000 hours.
Indicators:	3 function LEDs for CPU status, power supply and communication.
CPU and core logic:	32 bit Cortex A8 1 GHz processor. Linux-based operating system.
Project planning:	EasyBuilder Pro V.5.00.01 or higher
Memory:	- 256 MB RAM - 256 MB on-board flash memory - SD card drive for SD and SDHC cards up to 16 GB.
USB port:	1xUSB 2.0 host and 1x USB 2.0 client.
Serial interfaces:	COM1: RS232 / RS485 2-/4-wire, COM3: RS485 2-wire. RS485 interfaces are MPI-capable up to 187,500 baud (not simultaneously).
Ethernet:	10/100 Base-T with RJ45 plug
Real-time clock:	Integrated real-time clock RTC

Drawings

Overlay for your customized WBGAC150X



Downloads / FAQ

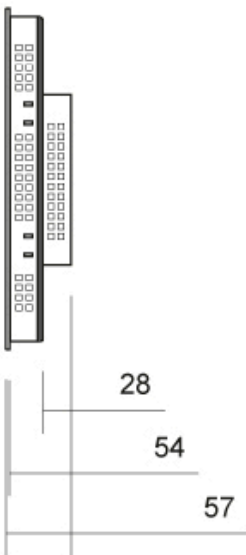
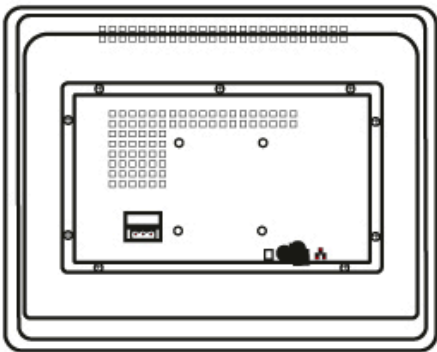
The following files could be downloaded from our website directly from this product under the tab "Drawings":

Design basis for your overlay as PDF:

WBGFOL0_AC150_AC150X.pdf

Drawings

Dimensions (mm):



WBGFOLO_AC150_AC150X.pdf



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