

Operating unit / HMI WBGBC070E



- 7" TFT LCD graphic display 800 x 480 pixels
- LED backlight
- Robust plastic housing
- Fanless cooling system
- Real time clock RTC
- IP65 front, NEMA4 compliant
- Ethernet 10/100 BaseTX
- COM1 (RS232) or COM3 (2/4-wire RS485) supports MPI up to 187.5 k
- USB host

<https://www.wachendorff-prozesstechnik.de/en/WBGC070E>

Description

The WBGBC070E from Weintek is specially designed for simple operating and monitoring tasks in all areas of industrial automation. The device is equipped with all the necessary functions, but dispenses with special features and rarely required hardware, thereby significantly increasing the price/performance ratio. The dark grey plastic housing is ideal for applying your own front foil design, e.g. with your logo or the device name in your own colors. Your creativity is only limited by the dimensions of the device.

The fanless system with 32-bit Cortex A8 processor and 600 MHz clock has plenty of computing power and impresses with pleasantly fast page switching. The "EasyBuilder Pro" project planning software for the Wachendorff WBG series makes no special demands on your PC, is easy to use and is available free of charge.

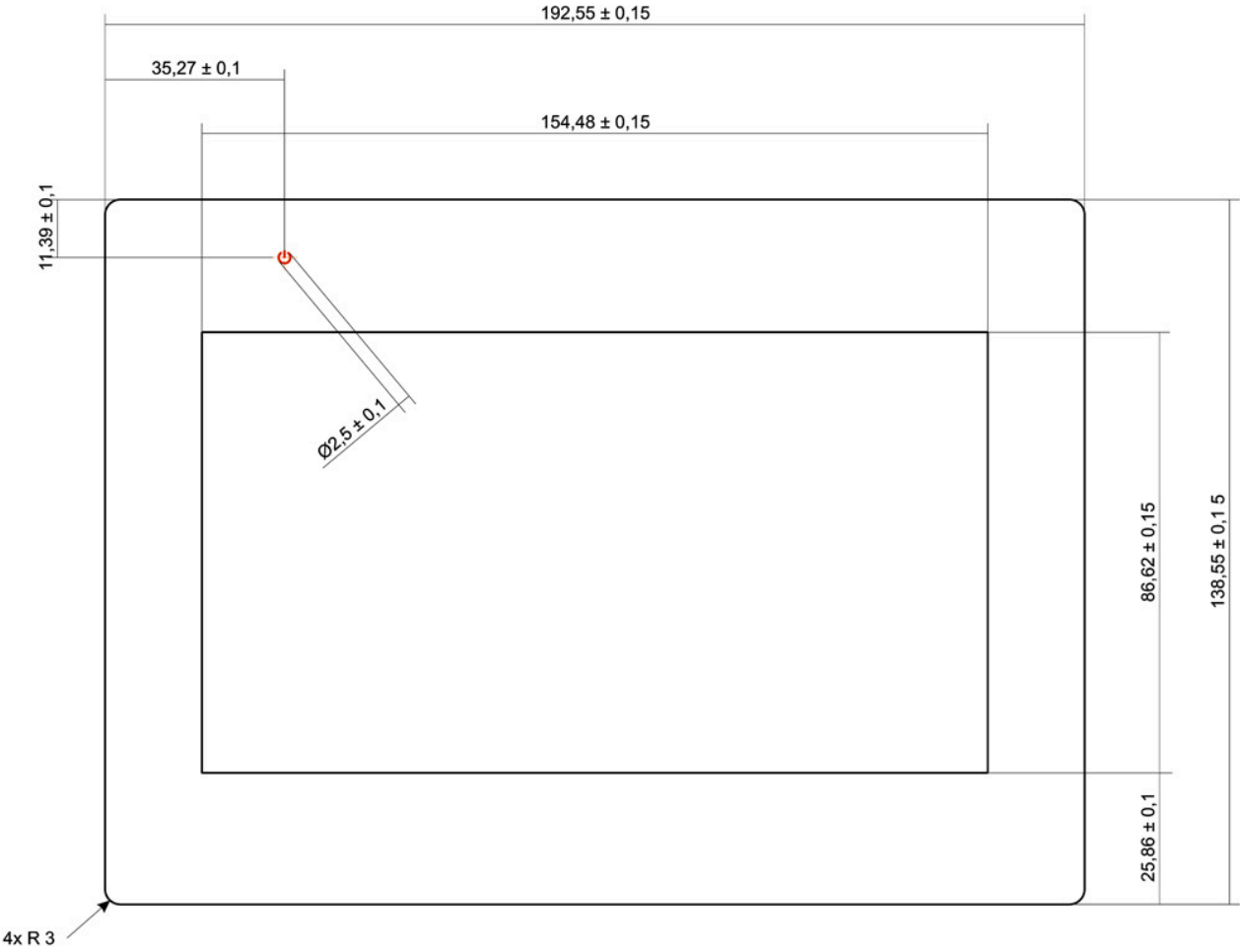
| | |
|----------------------|--|
| Housing: | Robust dark gray plastic housing. |
| Weight: | approx. 520 g |
| Ambient temperature: | Operation: 0 °C to +50 °C. Storage: -20 °C to +60 °C. |
| Software: | EasyBuilder Pro from version 4.00.01 or higher |
| Scope of delivery: | Device, seal, mounting material |
| Manufacturer: | Weintek Labs, Inc |

Product details

| | |
|---------------------|--|
| Power supply: | 10.8 VDC to 28 VDC Connection via pluggable 3-pole terminal strip. |
| Power consumption: | 1 A at 12 VDC; 500 mA at 24 VDC |
| Display: | Size: 7" Resolution: 800 x 480 pixels Display: TFT-LCD Touch Brightness: 300 cd/m² Colors: 16.7 million Contrast: 500 : 1 |
| Touch display: | 4-wire analog resistive. Backlight via LED with a typical service life of 30,000 hours. |
| Indicators: | 1 LED to indicate the power supply. |
| CPU and core logic: | 32 bit RISC Cortex 8, 600 MHz processor. Linux-based operating system. |
| Memory: | - 128 MB RAM - 128 MB memory |
| USB port: | 1 x USB 2.0 host |
| Serial interfaces: | COM1: RS232, COM3: RS485 2-/4-wire. RS485 interface is MPI-capable up to 187,500 baud. |
| Ethernet: | 10/100 Base-T with RJ45 plug |
| Real-time clock: | Integrated real-time clock RTC |
| Protection class: | Front IP65 |
| Shock: | 10 Hz to 25 Hz (X, Y, Z direction 2 g over 30 minutes) |

Drawings

Overlay for your customized WBGAC070E



Downloads / FAQ

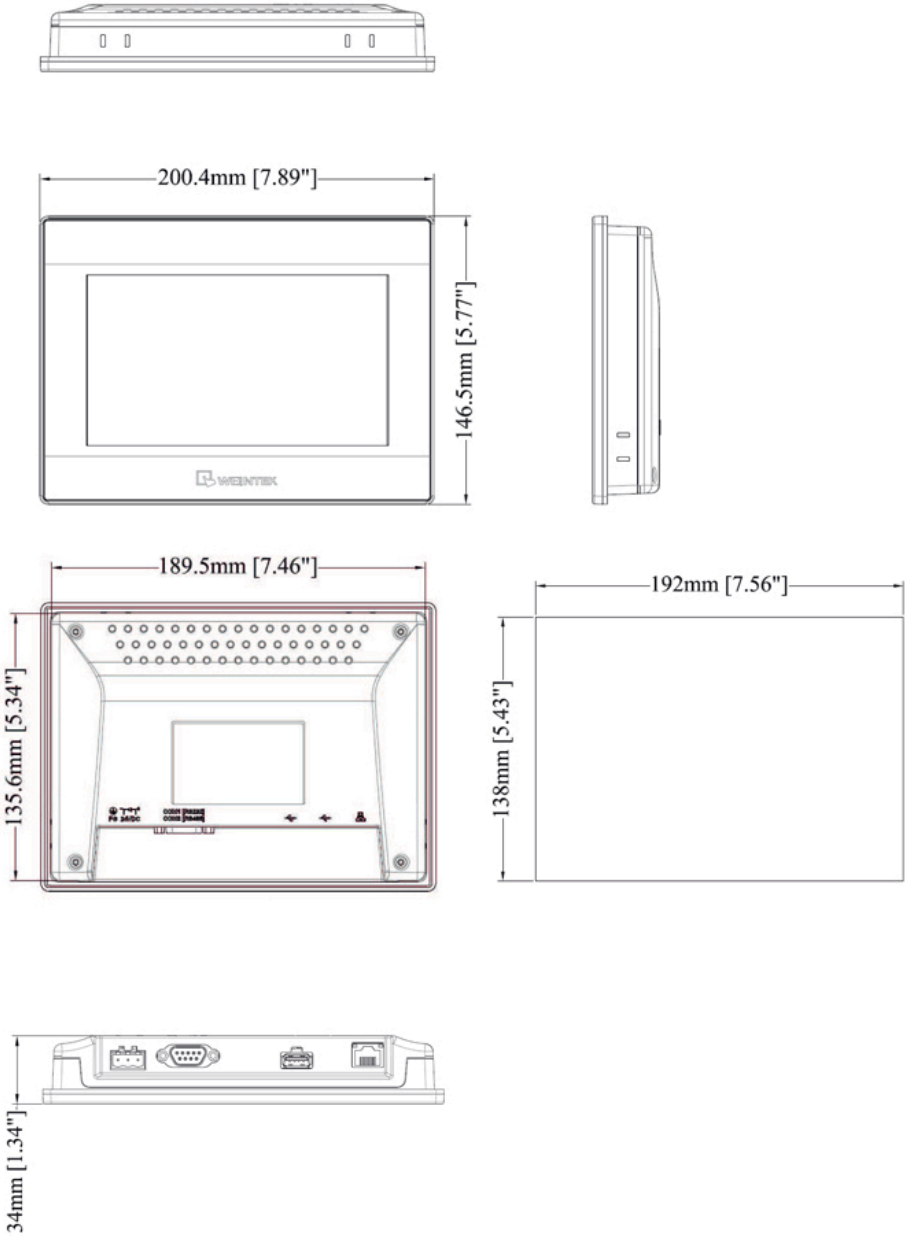
The following files could be downloaded from our website directly from this product under the tab "Drawings":

Design basis for your overlay as PDF

WBGFOL0_AC070E.pdf

Drawings

Dimensions



WBGFC070E.pdf



Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

