

Touch Panel WBGSE070



- 7" Wide screen TFT LCD graphic display with 800 x 480 pixels
- 3 serial communication ports (1x RS232, 2x RS232/RS485 incl. MPI)
- 2 USB ports (1x USB 1.1, 1x USB 2.0 high speed client)
- 10/100 Base T Ethernet-Port
- 32 bit RISC 400 MHz processor
- Resistive analogue touch display
- Front protection class IP65
- SD card slot



WBGSE070

The WBGSE070 is a perfect solution for applications, where the focus is based on the controlling on monitoring of more than one device. The combination of the implemented serial communication ports with MPI connectivity, the Ethernet port and the 7" wide screen LCD TFT touch display with 800 x 480 pixels offers one of the best HMI's in it's class. The fanless WBGSE070 is a compact HMI with a brilliant resolution for the connection to most of the standard PLC's. Beside the protocol conversion, this HMI offers a lot of enhanced features like p.e. data logging for advanced applications.

Supply: 24 VDC +/-20 %; 250 mA at 24 VDC.
 Connection via removable 3-pin block terminal.

Display: 7" 800 x 480 pixel TFT-LCD touch display with a brightness of 500 cd/m². Maximum of 65.536 colours.
 Viewing angle(°): 50/60/65/65 (T/B/R/L)
 Contrast: 500:1

Touch Display: 4-wire analog resistive.
 Backlight via LED with a life time of typical 30.000 hours.

Indicators:
 3 function LED's for indicating power supply and communication.

CPU and core logic: 32 bit RISC 400 MHz processor. Linux bases operating system.

Memory:
 - 64 MB DDR2 on board
 - 128 MB Flash-memory on board

USB-Port: 1x USB 1.1 and 1x USB 2.0 high speed client

Serial communication: 1x RS232, 1x RS232/485/422 and 1x RS232/485 up to 115.200 baud, individual programmable incl. MPI-connection (187.500 baud).

Ethernet: 10/100Base-T via RJ45-connector

Audio: Sound output via Ac'97 stereo jack.

Real time clock: Internal real time clock available.

Protection class: IP65 from the front (with rubber sealing).

Housing: Robust plastic case. Dimensions: W 200 mm x H 146 mm x D 42,5 mm. Panel cut out: 192 mm x 138 mm.

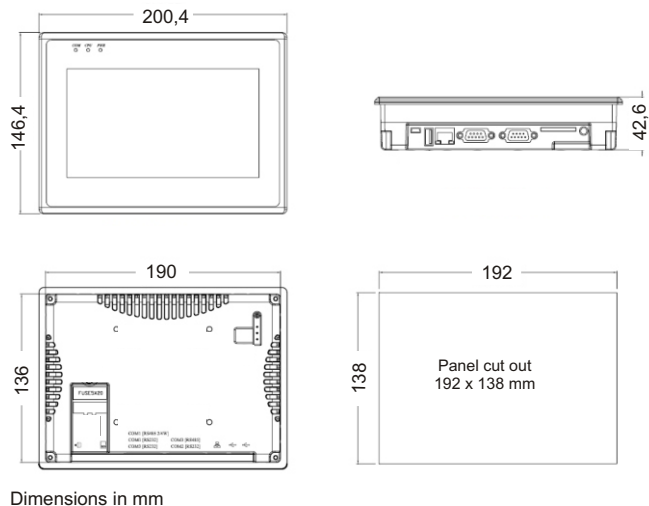
Shock: 10 Hz to 25 Hz (X, Y, Z direction 2G over 30 minutes)

Relative humidity: max. 90% rF, non condensing.

Temperature range: Operation: 0 °C to +50 °C. Stock: -20 °C to +60 °C.

Weight: approx. 0,85 kg

Scope of delivery: HMI, mounting clamps, sealing, spare fuse, manual



Dimensions in mm

Order codes	
Type 7" HMI with Ethernet	Order-No. WBGSE043
Accessories USB programming cable, 1,5 m MPI communication cable, 3 m 4-port USB-Hub DIN-rail power supply, 24 VDC, 3 A	USBKAB11 WBGKABMPI USBHUB04 PS24V03AA