

Operating unit / HMI WBGAC070EA corresponds to MT8073iE



- 7" TFT LCD graphic display 800 x 480 pixels
- EasyAccess 2.0 remote access service integrated
- LED backlight
- Plastic housing in slim design
- Fanless cooling system
- Real-time clock RTC
- IP65 front, NEMA4 compliant
- Coated circuit board is protected against corrosion and ensures high reliability in harsh environments
- COM1 or COM3 (2-wire RS485) supports MPI up to 187.5 k
- USB host

<https://www.wachendorff-prozesstechnik.de/en/WBGAC070EA>

Description

The WBGAC070EA from Weintek is specially designed for small and medium-sized operating and monitoring tasks in all areas of industrial/building 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. Special attention was paid to a compact design. Space is money! With an installation depth of just 27 mm, the WBGAC070EA can be used almost anywhere. The color-neutral plastic housing is ideal for applying your own designed front foil, e.g. with your logo or the device name in your own colors. Your creativity is only limited by the dimensions of the device.

Wachendorff operating devices are industrially robust. The circuit board of the WBGAC070EA is additionally protected against corrosion and moisture by a special coating. The RS485 serial interface is double galvanically isolated. This makes the device ideal for use in harsh industrial environments and ensures reliable operation and a long service life. The fanless system with 32-bit CortexA8 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 does not place any special demands on your PC, is easy to use and is available free of charge. The WBGAC070EA provides you with the EasyAccess 2.0 remote access service via an integrated license.

Product details

Display:	Size: 7" Resolution: 800 x 480 pixels Display: TFT-LCD Touch Brightness: 400 cd/m ² Colors: 16.7 million Contrast: 500 : 1 Backlight: LED Backlight life: >30,000 hours
Touch display:	4-wire analog resistive Active range: length (X) ±2%, width (Y) ±2%
Memory:	RAM: 128 MB Flash: 128 MB
Processor:	32 bit RISC Cortex A8, 600 MHz processor. Linux-based operating system.

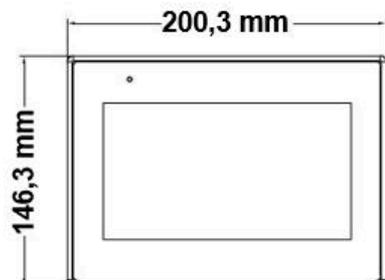
Interfaces:	USB host: 1x USB 2.0 Ethernet: 2x 10/100/1000 Base-T COM1: RS232 COM2: RS485 2-/4-wire, COM3: RS232/RS485 2-wire (only Tx & Rx (not RTS/CTS) for COM1 RS232, if COM3 RS232 is used at the same time)
Real-time clock:	Integrated real-time clock RTC
Power supply:	Input voltage: 24 VDC +/-20 % Current consumption: 600 mA at 24 VDC Galvanic isolation (input voltage from system voltage): integrated Dielectric strength: 500 VAC (1 min.) Insulation resistance: >50 MOhm at 500 VDC Shock resistance: 10 Hz to 25 Hz (X-, Y-, Z-direction 2 G 30 minutes) Connection via pluggable 3-pole terminal strip.
Printed circuit board coating:	Yes, PCB
Housing:	Robust plastic housing.
Dimensions (WxHxD):	200.3 mm x 146.3 mm x 34 mm Panel cut-out: 192 mm x 138 mm
Weight:	approx. 600 g
Assembly:	Switch panel installation
Protection class:	IP65 Front side
Ambient temperature:	Operation: 0 °C to +50 °C. Storage: -20 °C to +60 °C. Relative humidity: 10% to 90% (non-condensing).
Certificates:	CE
Software:	EasyBuilder Pro from version 5.02.01 or newer EasyAccess 2.0 remote access service license integrated
Manufacturer:	Weintek Labs, Inc

Drawings

Dimensions



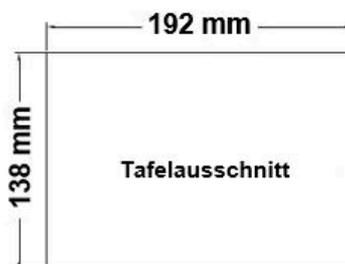
Draufsicht



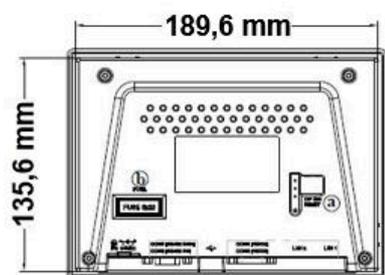
Frontansicht



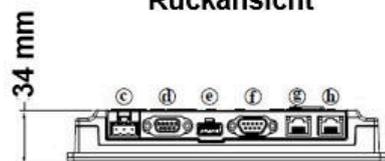
Seitenansicht



Tafelausschnitt



Rückansicht



Ansicht von unten

a	DIP-Schalter	f	COM1 RS232, COM3 RS232
b	Sicherung	g	LAN 2
c	Anschluss Spannungsversorgung	h	LAN 1
d	COM2 RS-485 2-/4-Draht, COM3 RS-485 2-Draht		
e	USB Host Port		

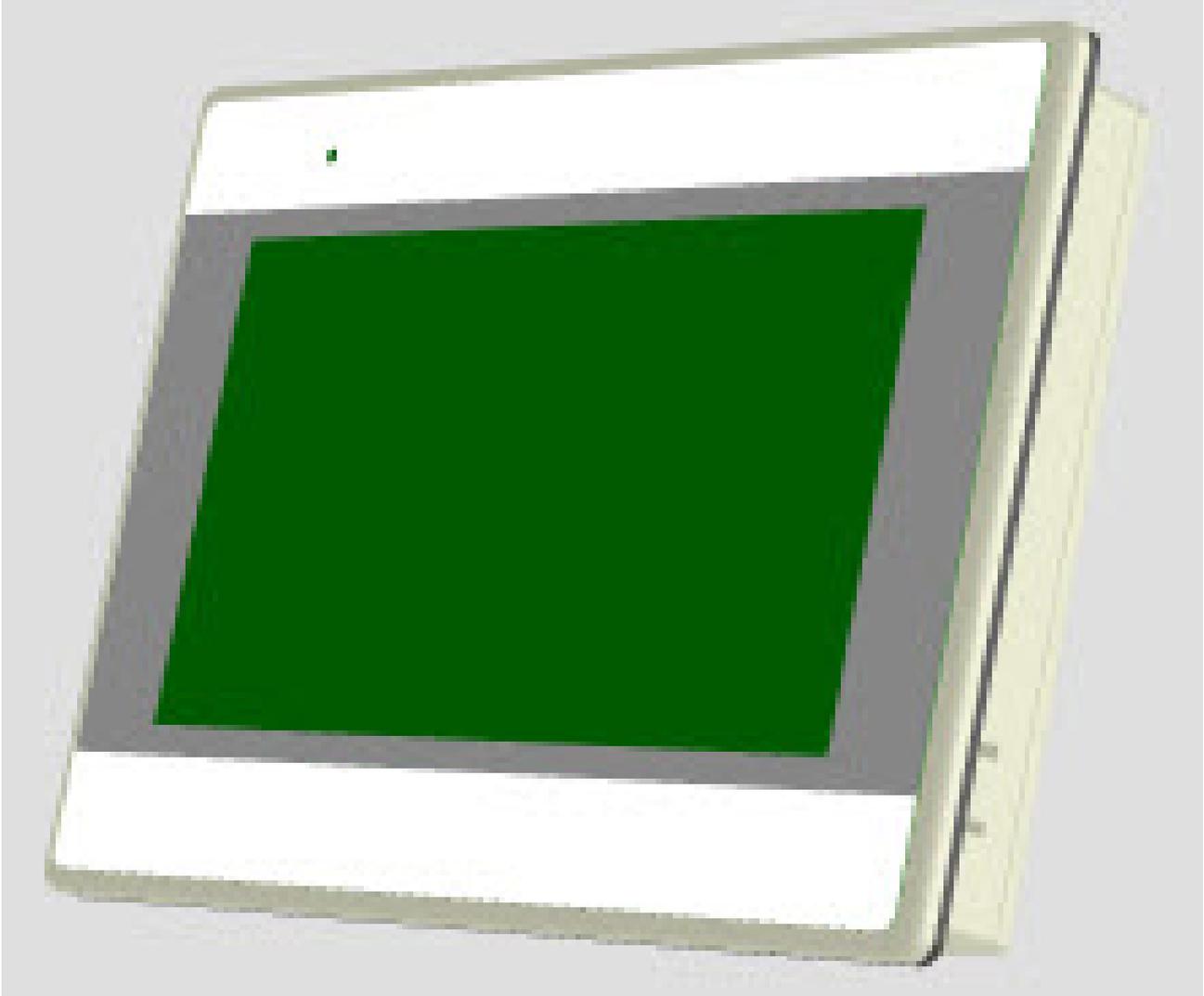
Con.B: COM1 / COM3 [RS232], 9 Pin, Male, D-sub

PIN#	COM1 [RS232]	COM3 [RS232]
1		
2	RxD	
3	TxD	
4		
5	GND	
6		
7	RTS	TxD
8	CTS	RxD
9	GND	

Con.A: COM2 / COM3 [RS485]/ CAN Bus, 9 Pin, Female, D-sub

PIN#	COM2 [RS485]2W	COM2 [RS485]4W	COM3 [RS485]	CAN Bus
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5	GND			
6				Data-
7				
8				
9				Data+

Drawings
Step file



Step file as .rar
WBGAC070EA.rar



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