

Control unit / HMI MT8071iE



- 7" TFT LCD graphic display 800 x 480 pixels
- 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
- COM2 or COM3 (2-wire RS485) supports MPI up to 187.5 k
- USB host

<https://www.wachendorff-prozesstechnik.de/en/MT8071iE>

Description

The MT8071iE from Weintek is specially designed for small and medium-sized 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. Particular attention was paid to a compact design. Space is money! With an installation depth of just 34 mm, the MT8071iEE can be used almost anywhere. The color-neutral plastic housing is ideal for applying your own front foil design, e.g. with your logo or 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 MT8071iEE is additionally protected against corrosion and moisture by a special coating. 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 IE series makes no special demands on your PC, is easy to use and is available free of charge.

Product details

Power supply:	24 VDC +/-20 %; typ. 450 mA max. Connection via pluggable 3-pole terminal strip.
Display:	Size: 7" Resolution: 800 x 480 pixels Display: TFT-LCD Touch Brightness: 400 cd/m ² 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 COM2: RS485 2-/4-wire COM3: RS485 2-wire. RS485 interfaces are 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:	IP65 on the front
Shock:	10 Hz to 25 Hz (X, Y, Z direction 2 g over 30 minutes)
Housing:	Robust plastic housing.
Weight:	approx. 600 g
Ambient temperature:	Operation: 0 °C to +50 °C. Storage: -20 °C to +60 °C.
Certificate:	CE cULus
Software:	EasyBuilder Pro from version 4.10.04 or higher
Scope of delivery:	Device, seal, mounting material
Manufacturer:	Weintek Labs, Inc

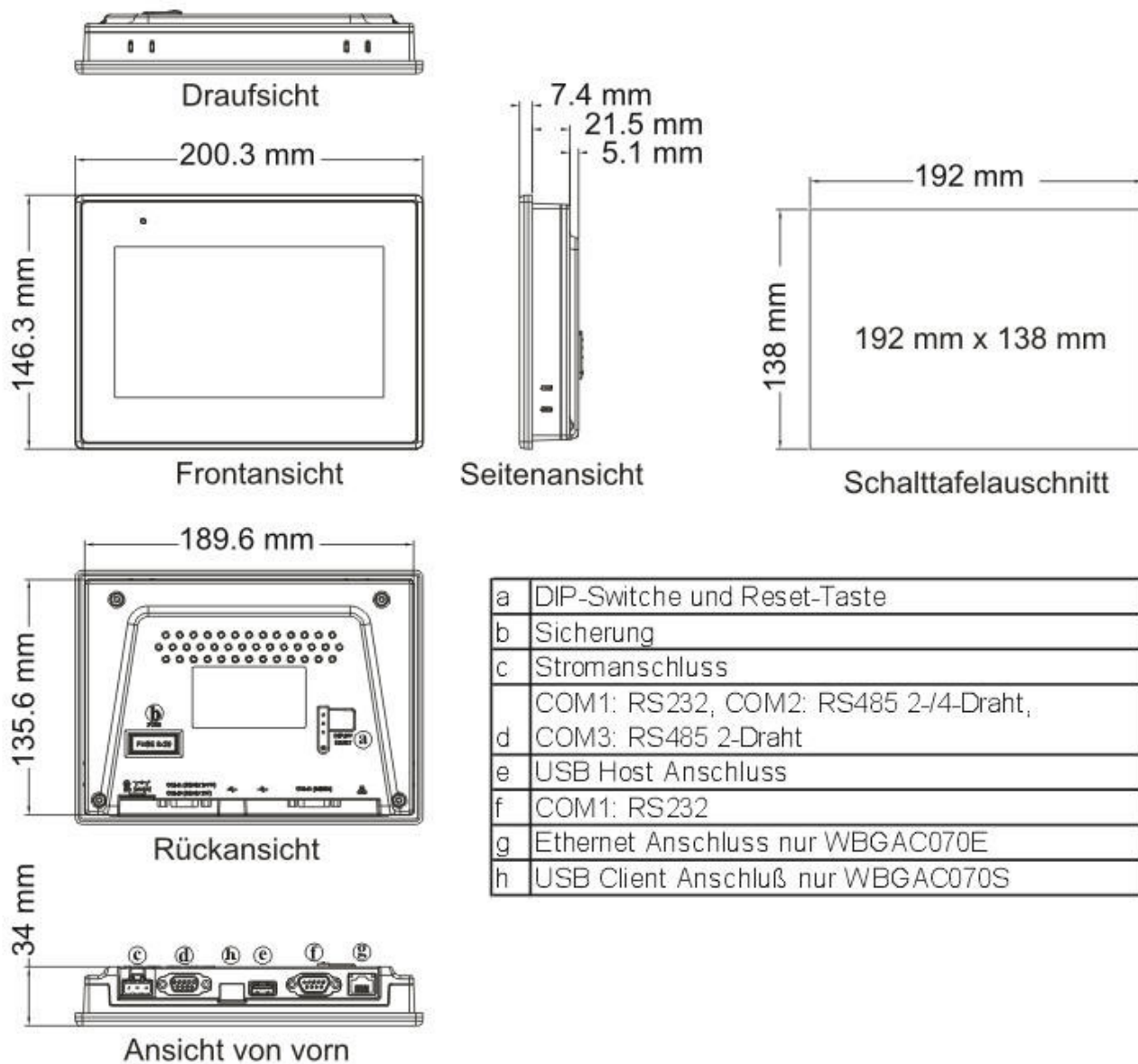
Products Order no.

MT8071iE	7" Wide Screen TFT Touch, 800x480, Cortex A8 600MHz, Ethernet.,3 serial
----------	---

Accessories Order no.

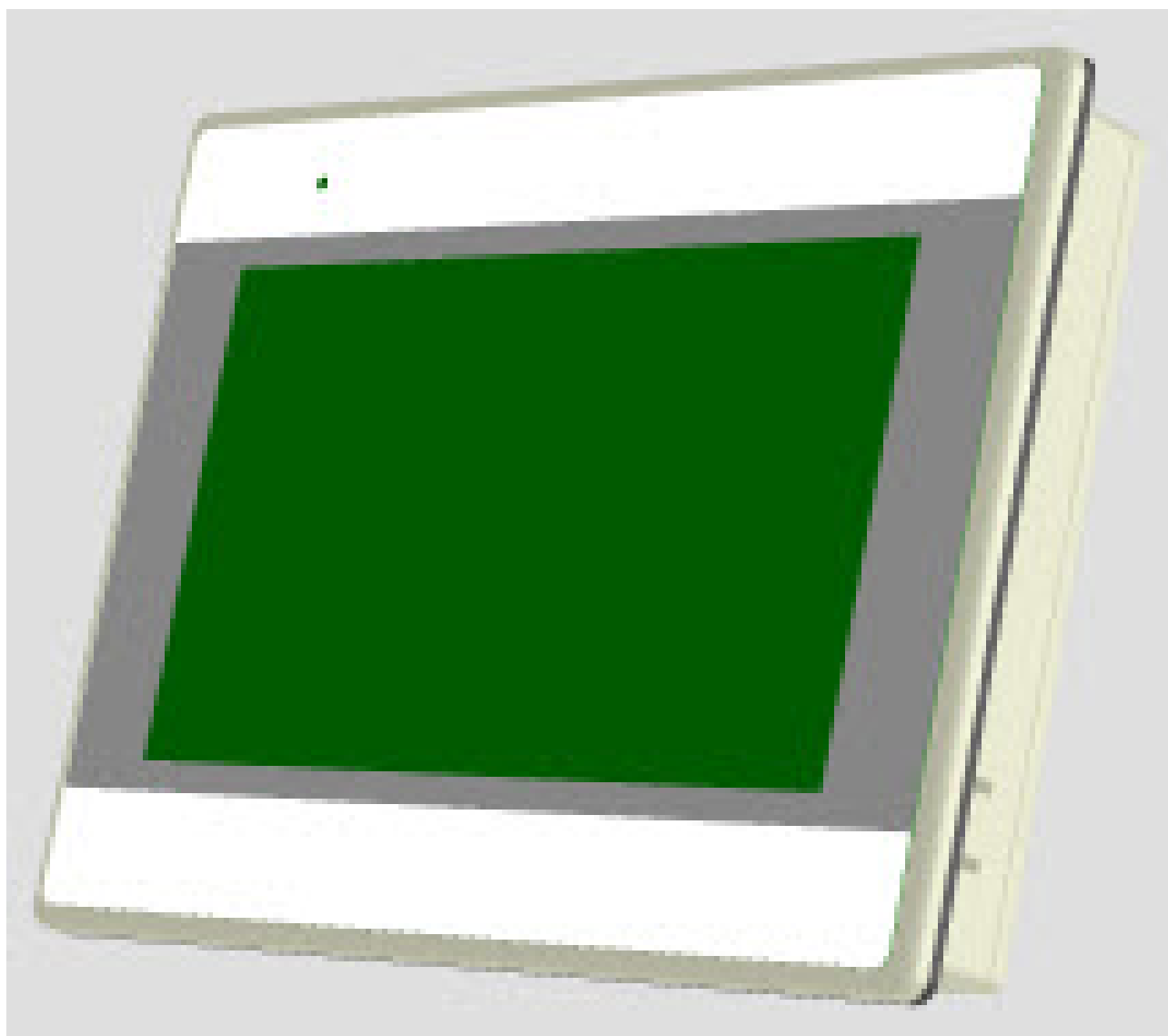
DRS4-24A	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
WBGSTAN2	Acrylic glass presentation bracket for 7" control unit
KABETH12	Patch cable, RJ45 UTP CCA, CAT5e white, 2 m
KABUSB11	USB programming cable, 1.5 m

Drawings
Dimensions



Drawings

Step file



Step file as .rar

WBGAC070SE.rar



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

