Control unit / HMI MT8106iP

- 10.1" TFT LCD graphic display 1024 x 600 pixels
- LED backlight
- Fanless cooling system
- Plastic housing in slim design
- Real-time clock RTC
- IP65 front, NEMA4 compliant
- Ethernet interface
- USB 2.0 host

https://www.wachendorff-prozesstechnik.de/en/mt8106ip

Description

The MT8106iP from Weintek is designed for simple operating and monitoring tasks in all areas of industrial automation where resolution is important. 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 37 mm, the MT8102iP can be installed almost anywhere. The dark grey plastic housing is ideal for applying your own 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.

An operating device is only as good as its software. 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. Programming is easy via the Ethernet or micro USB interface.

Product details

Display:	Size: 10.1" WVA Resolution: 1024 x 600 pixels Brightness: 350 cd/m² Contrast: 1000:1 Backlight: LED Backlight life: 50,000 hours Colors: 16.7 million LCD viewing angle (up/down/left/right): 89/89/89/89
Touch display:	Type: 4-wire Resistive Type Accuracy: Active Area Length(X)±2%, Width(Y)±2%
Memory:	Flash: 256 MB RAM: 128 MB
Processor:	Quad-core RISC
Interfaces:	SD Card Slot: N/A USB Host: USB 2.0 x 1 USB Client: N/A Ethernet: 10/100 Base-T x 1 COM Port: Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*1
	*Only Tx & Rx (not RTS/CTS) can **be**used for COM1 RS232 can be used if COM3 RS232 is used at the same time.
Real-time clock:	Integrated real-time clock RTC

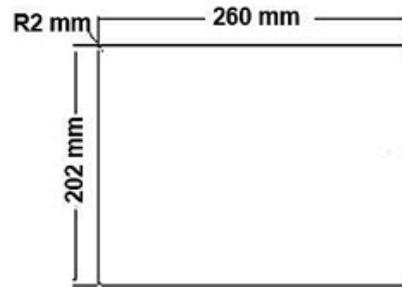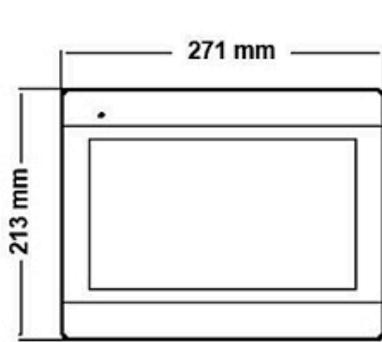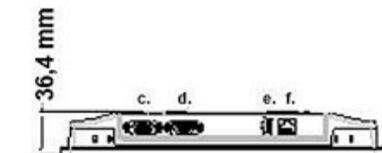|	
Power supply:	Input voltage: 24±20%VDC Galvanic isolation (input voltage from system voltage): integrated Current consumption: 400mA@24VDC Dielectric strength: 500 VAC (1 min.) Insulation resistance: >50 MOhm at 500 VDC Shock resistance: 10 Hz to 25 Hz (X,Y, Z direction 2 G 30 min.)
Housing:	Plastic
Dimensions:	L/H/D: 271 mm x 213 mm x 36.4 mm Panel cut-out: 260 mm x 202 mm
Weight:	approx. 1 kg
Protection class:	NEMA4/IP65 on the front
Certificates:	CE
Software:	EasyBuilder Pro: V6.08.01 or later versions*2 Weincloud: EasyAccess 2.0 (Optional)
Customs tariff number:	85371098
Manufacturer:	Weintek Labs, Inc

Products Order no.

Accessories Order no.

DRAN120-24A	Power supply unit for top-hat rail, 85 to 264 VAC, 24 VDC 5 A

a.	Sicherung	
b.	Anschluss Spannungsversorgung	
c.	Con.A: COM2 RS485 2-Dr/4Dr, COM3 RS485 2-Dr	
d.	Con.B: COM1 RS232 4-Dr, COM3 RS232 2-Dr	
e.	USB Host Port	
d.	LAN	

PIN-Belegung:

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] 9 Pin, Female, D-sub

PIN#	COM1 [RS232]	COM3 [RS232]	COM3 [RS485]
1	Data-	Rx-	
2	Data+	Rx+	
3		Tx-	
4		TX+	
5	GND		
6			Data-
7			
8			
9			Data+

Tafelausschnitt