



UniOP eTOP03

The eTOP03 is a low-cost HMI device with touchscreen interface and 3.8" monochrome graphic display. The very compact size and the 1/4 VGA resolution make it the optimal solution for a tight budget without compromising quality and performance. Portrait mode (vertical mode) operation enhances the flexibility and makes the product suitable to even more application areas.



- 3.8" monochrome display with white LED backlight
- 1/4 VGA (320x240 pixel) resolution
- Portrait mode operation
- Resistive touchscreen
- Connection to industrial bus systems and Ethernet (requires optional plug-in modules)
- 512 KB user memory

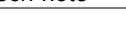
Highlights

The eTOP HMI panels are part of the UniOP family of touchscreen products. All of the eTOP products support the rich common functionality of the UniOP operator panels. The eTOP03 is mechanically compatible with the eTOP02 and with the popular ePAD03-ePAD06 panels.

- Powerful and intuitive programming with the UniOP Designer 6 software
- Support of more than 130 communication drivers for industrial devices
- Optional modules for fieldbus systems (Profibus DP, CANopen, DeviceNet, Interbus) and Ethernet. Ethernet modules allow connection to field devices as well as programming the HMI from Designer.
- Dual-driver communication capability
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection.
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation

- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer using the Ethernet connection.
- Eight level password protection.
- Report printing to serial printer. Reports are freely configurable using Designer.
- Ethernet-based UniNet network to share data between UniOP HMIs and to serve data using UniNet OPC Server.





Technical Data

Display Type Resolution Active display area Colors Backlight Brightness Dimming Contrast regulation Memory User memory User memory User memory expansion Front panel	Monochrome LCD ¼ VGA, 320x240 pixel 3.8" diagonal (77x58 mm) - White LED 60 cd/m ² typ. No Software 512 KB Flash -	Recipe memory UniNet network Alarms Event list Password Hardware RTC Screen saver Buzzer Battery	32 KB Client/Server 1024 256 Yes Yes, battery backed Yes 3 V 270 mA Lithium, non rechargeable, user replaceable, model CR2430. Replace with same component or equivalent compatible with the operating temperature of the product.
Touch screen Function keys System keys User LED's System LED's	Analog resistive - - - -	Ratings Power supply voltage Current consumption Fuse Weight	24 V DC (18 to 30 V DC) Max 0.4 A at 24 VDC Automatic Approx 1 Kg
Interfaces PC/Printer port PLC port Aux port (fieldbus and Ethernet) DX port (video input) Serial programming speed	- RS-232, RS-485, RS-422 Yes, with optional modules No 9600 – 38400 bps	Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class Dimensions	0 to 50 °C -20 to +70 °C 5 – 85 % RH non-condensing IP65 (front panel)
Functionality Vector graphics Dual driver capability Video input Data acquisition and trends	No Yes No No	Faceplate LxH Cut-out AxB Mounting depth (type 0046)	149x109 mm (5.86x4.29") 136x96 mm (5.35x3.78") 61 mm (2.40")

The product is designed for installation in industrial environments in compliance with the regulations:Emitted interferenceEN 61000-6-4Noise immunityEN 61000-6-2

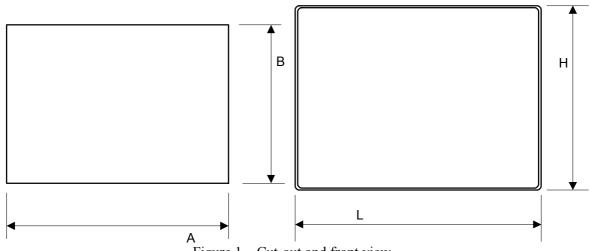


Figure 1 – Cut-out and front view

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CONTRACT CONTRACT

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Ordering Information

eTOP03-0046 PROT-07 3.8" ¹/₄ VGA monochrome graphic HMI with touchscreen Disposable protection film for 3.5"/3.8" eTOP touch panels (10 pieces)

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