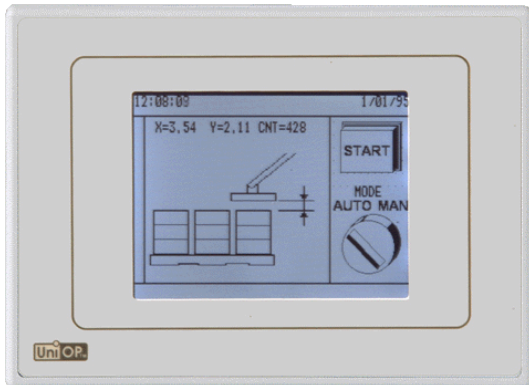


## UniOP eTOP03

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

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

The product is designed for installation in industrial environments in compliance with the regulations:

Emitted interference EN 61000-6-4

Noise immunity EN 61000-6-2

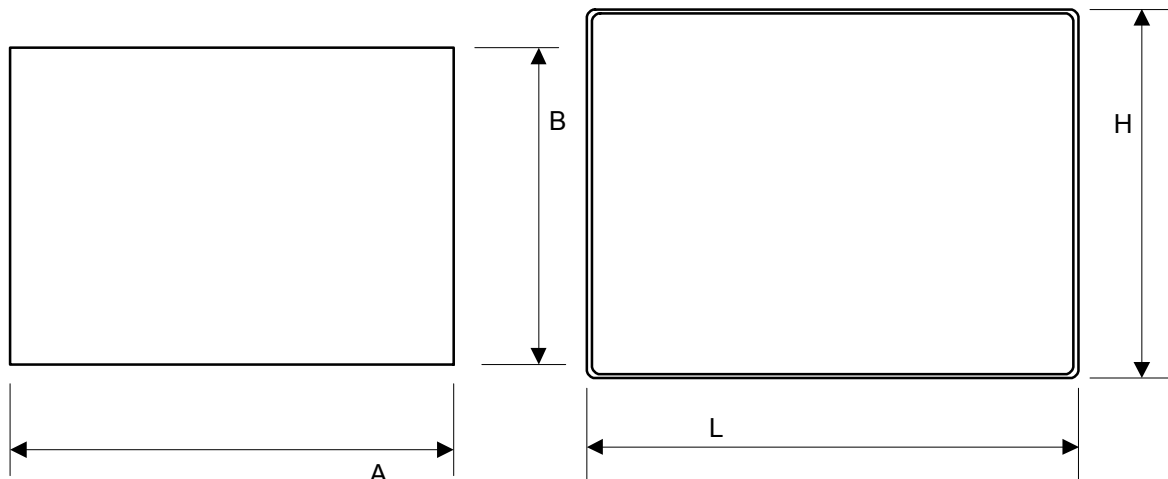


Figure 1 – Cut-out and front view

## Ordering Information

eTOP03-0046  
PROT-07

3.8" ¼ VGA monochrome graphic HMI with touchscreen  
Disposable protection film for 3.5"/3.8" eTOP touch panels (10 pieces)

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**Tn184**

**Ver. 1.05**

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UniOP eTOP03