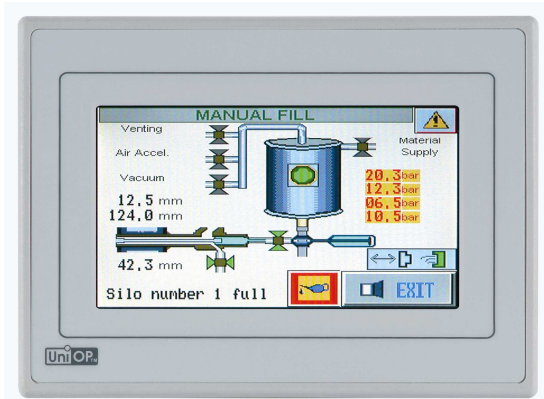


# UniOP eTOP04C

The eTOP04C is a compact HMI device with touchscreen interface and a high-resolution 4.3" widescreen TFT display. The built-in 100Mb Ethernet interface enhances its communication capability. It is the ideal solution for applications where low cost and small size, without compromising performance, are a requirement.



- 4.3" TFT color display
- 256 colors
- 480x272 pixel resolution
- Resistive touchscreen
- 2 MB user memory
- Ethernet interface
- USB port
- Connection to industrial bus systems (requires optional plug-in modules)

## Highlights

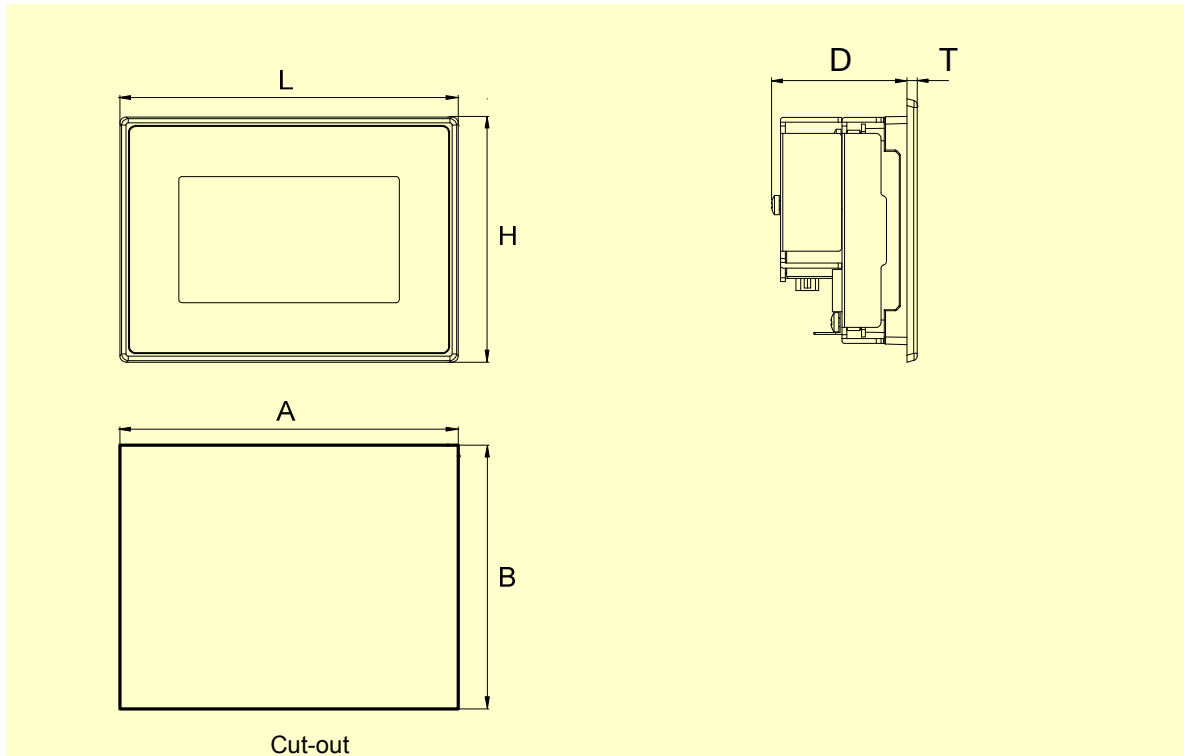
The eTOP04C panel is a compact and low-cost product. It supports the rich common functionality of the UniOP operator panels:

- Powerful and intuitive programming with the UniOP Designer 6 software
- Support of more than 150 communication drivers for industrial devices
- Integrated Ethernet port for connection to field devices as well as programming the HMI from Designer.
- USB host port for the connection of flash drives. Flash drives can be used for application upgrade as well as firmware upgrade of the device
- Optional modules for fieldbus systems (Profibus DP, CANopen, DeviceNet, Interbus).
- Dual-driver communication capability; dual serial communication configurations are possible with the use of the optional TCM15/TCM16 modules.
- Advanced graphic capabilities
- 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 or copied to flash drives via USB 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.
- Ethernet-based UniNet network to share data between UniOP HMIs and to serve data using UniNet OPC Server.

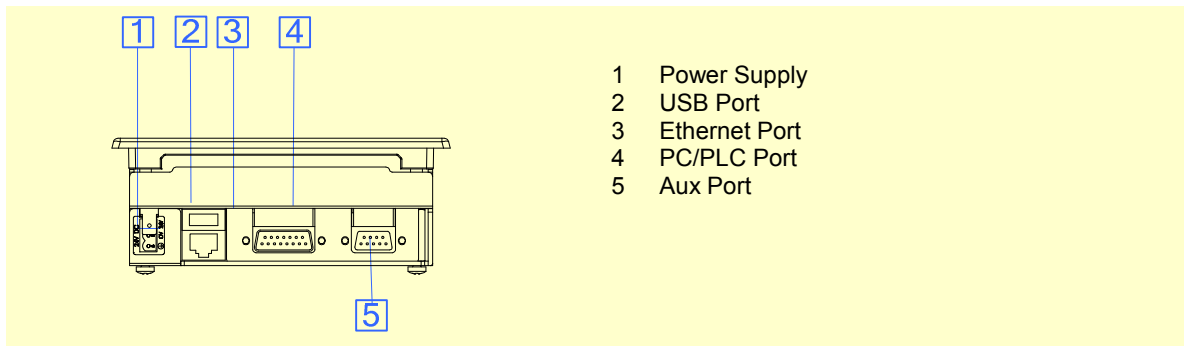
**Technical Data**

<b>Display</b>		UniNet network	Client/Server
Type	TFT	Alarms	1024
Resolution	480x272 pixel	Event list	256
Active display area	4.3" diagonal (95.4x53.9 mm)	Password	Yes
Colors	256	Hardware RTC	Yes, battery backed
Backlight	LED	Screen saver	Yes
Brightness	120 cd/m <sup>2</sup> typ.	Buzzer	No
Dimming	Yes	Battery	Rechargeable Lithium battery, not user-replaceable
<b>Memory</b>		<b>Ratings</b>	
User memory	2 MB internal Flash	Power supply voltage	24 V DC (18 to 30 V DC)
Alternate User memory	-	Current rating	0.4 A at 24 VDC
<b>Front panel</b>		Fuse	Automatic
Touch screen	Analog resistive	Weight	Approx 1.0 Kg
Function keys	-	<b>Environmental Conditions</b>	
System keys	-	Operating temperature	0 to 50 °C (vertical mounting)
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")
Ethernet port	100 Mbit	Cutout AxB	136x96 mm (5.35x3.78")
USB port	Host version 1.1	Mounting depth D+T	56 + 4.5mm (2.40+0.18")
Aux port (fieldbus)	Yes, with optional modules	<b>Approvals</b>	
DX port (video input)	No	CE	Emission
Serial programming speed	9600 – 38400 bps		EN 61000-6-4
<b>Functionality</b>			Immunity
Vector graphics	No		EN 61000-6-2
Dual driver capability	Yes		for installation in industrial environments
Video input	No		
Data acquisition and trends	No		
Recipe memory	32 KB		

**Dimensions**



**Connections**



## Ordering Information

eTOP04C	4.3" 1/4 VGA TFT color touchscreen panel with Ethernet interface
PROT-07	Disposable protection film for 3.5"/3.8" eTOP touch panels (10 pieces)
TCM15	Add-on module for serial expansion RS-232
TCM16	Add-on module for serial expansion RS-485

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**ptn0302**

**Ver. 1.2**

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[www.uniop.com](http://www.uniop.com)

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UniOP eTOP04C