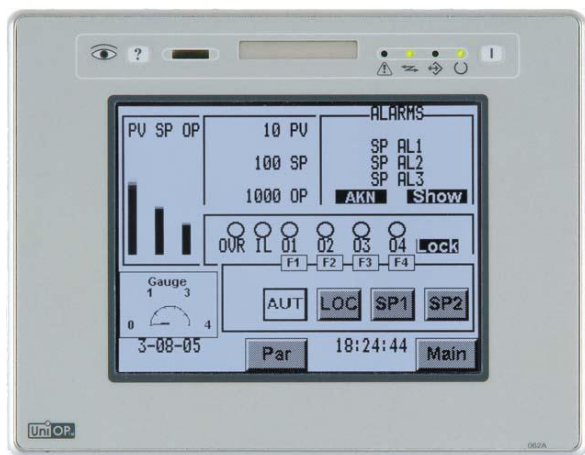


# UniOP eTOP05, eTOP05P

The eTOP05 is a low-cost HMI device with touchscreen interface and 5.6" monochrome graphic display. The compact size and the 1/4 VGA resolution make it the optimal solution for a tight budget compromising quality and performance.

The eTOP05P has coated electronics for improved resistance to harsh environmental conditions.



- 5.7" monochrome display with white LED backlight. eTOP05 has display with TFT technology
- 1/4 VGA (320x240 pixel) resolution
- Resistive touchscreen
- Connection to industrial bus systems and Ethernet (requires optional plug-in modules)
- 32 MB 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 functionalities of the UniOP operator panels:

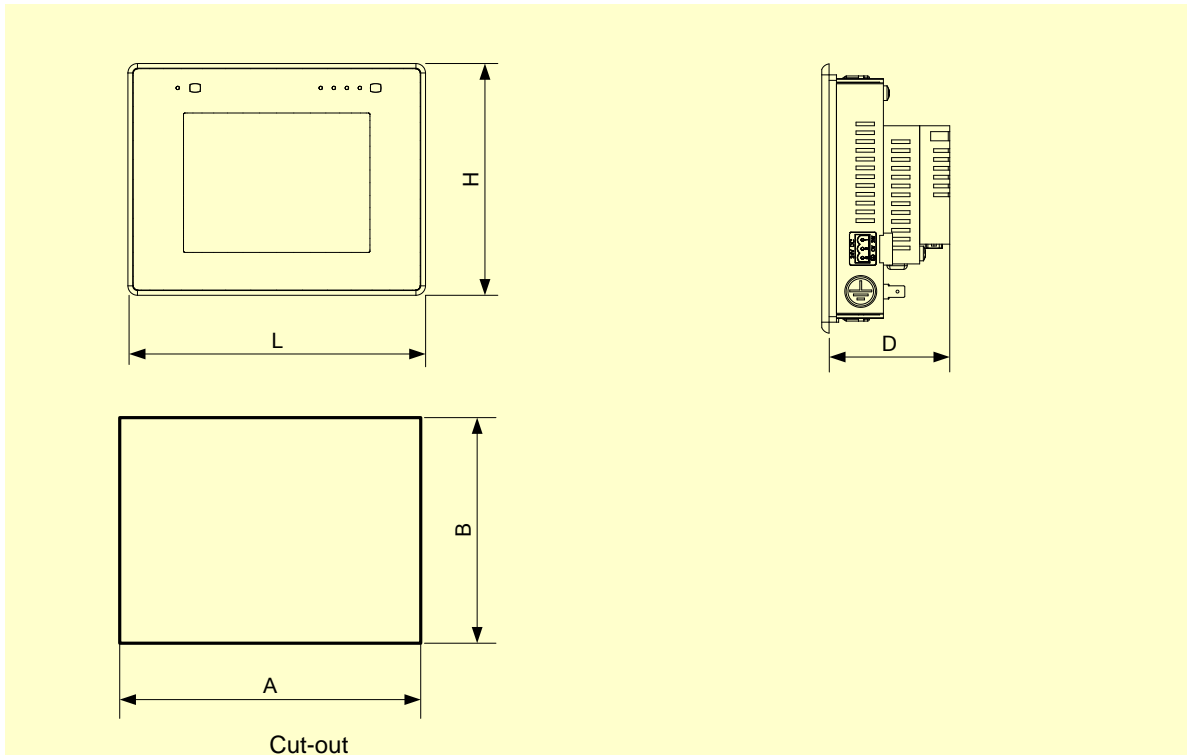
- Powerful and intuitive programming with the UniOP Designer 6 software
- Support of more than 130 communication drivers for industrial devices
- Optional modules for fieldbus systems (Profibus DP, CANopen, DeviceNet, Interbus) and Ethernet. Ethernet modules allow connection to field devices as well as programming the HMI from Designer.
- Dual-driver communication capability
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Analog gauge objects
- 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

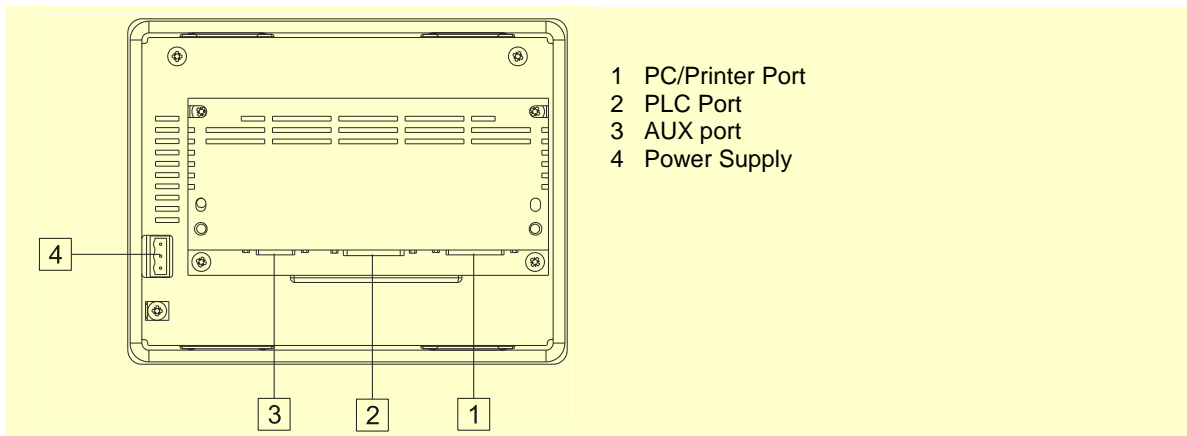
<b>Display</b>	
Type	eTOP05 TFT eTOP05P STN Monochrome
Resolution	320x240 pixel
Active display area	115x86 mm (5.7" diagonal)
Colors	-
Backlight	LED
Brightness	eTOP05 130 cd/m <sup>2</sup> typ. eTOP05P 60 cd/ m <sup>2</sup> typ.
Dimming	No
<b>Memory</b>	
User memory	32 MB Flash Card
User memory expansion	-
<b>Front panel</b>	
Touch screen	Analog resistive
Function keys	1
System keys	-
User LED's	1
System LED's	4
<b>Interfaces</b>	
PC/Printer port	Yes
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop
Aux port (fieldbus and Ethernet)	Yes, with optional modules
DX port (video input)	No
Serial programming speed	9600 – 38400 bps
<b>Functionality</b>	
Vector graphics	No
Dual driver capability	Yes
Video input	No
Data acquisition and trends	Yes
Recipe memory	32 KB
UniNet network	Client/Server
Alarms	1024
Event list	1024
Password	Yes

Hardware RTC	Yes, battery backed
Screen saver	Yes
Buzzer	Yes, audible feedback for touch screen
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>Ratings</b>	
Power supply voltage	24 V DC (18 to 30 V DC)
Current consumption	Max 0.6 A at 24 VDC
Fuse	Automatic
Weight	Approx 1.4 Kg
<b>Environmental Conditions</b>	
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % RH non-condensing
Protection class	IP65 (front panel)
<b>Dimensions</b>	
Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxB	176x136 mm (6.93x5.35 ")
Mounting depth D	67 mm (2.63")
<b>Approvals</b>	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
UL	UL508 Listed

## Dimensions



## Connections



## Ordering Information

Model	Description
eTOP05-0045	5.7" ¼ VGA monochrome graphic HMI with touchscreen
eTOP05P-0045	5.7" ¼ VGA monochrome graphic HMI with touchscreen, coated electronics
PROT-03	Disposable protection foil for 5.7" eTOP touch panels (10 pieces)

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**Ver. 1.7**

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