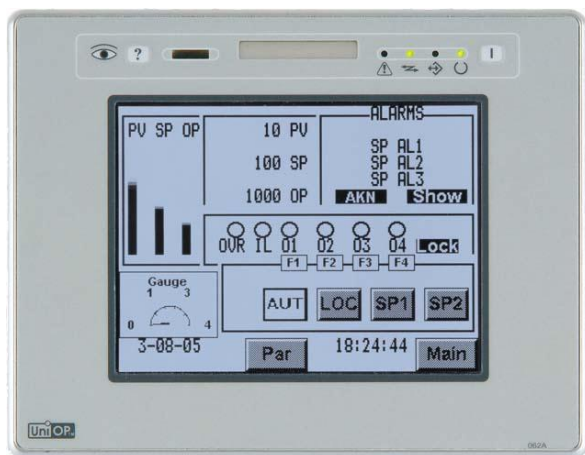


UniOP eTOP05, eTOP05P

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

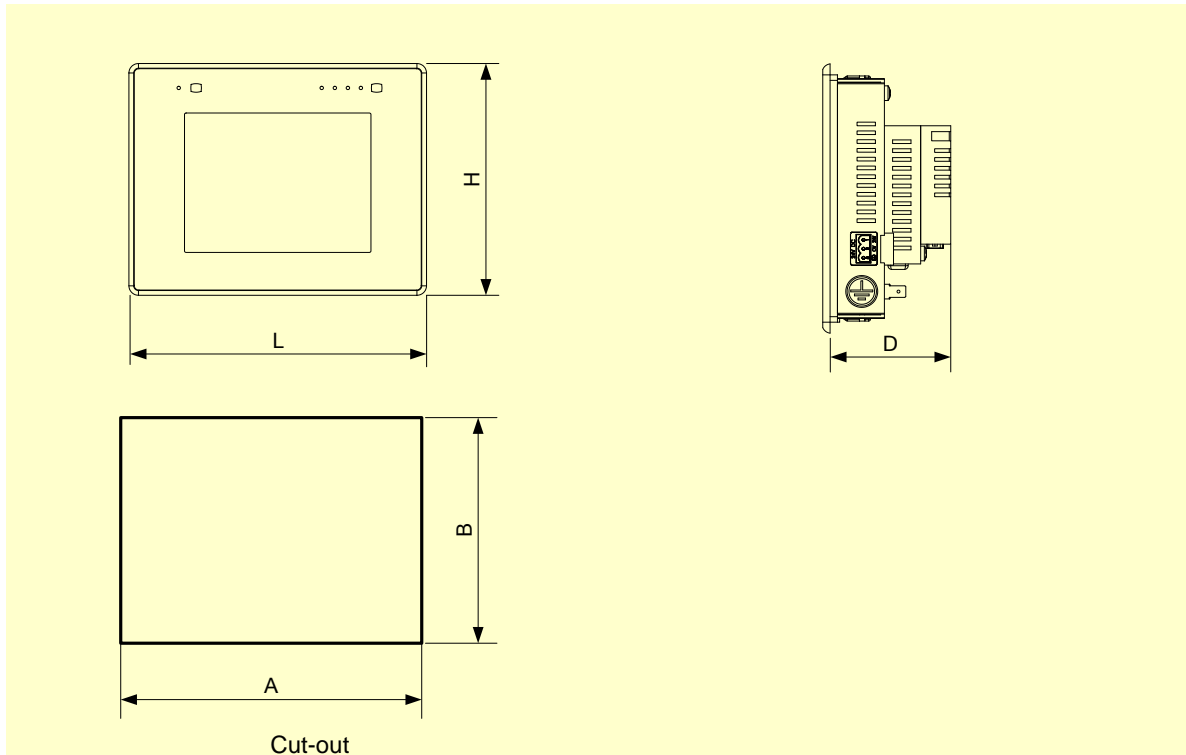
The eTOP HMI panels are part of the UniOP family of touchscreen products. All of the eTOP products support the rich common functionalities of the UniOP operator panels:

- 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.

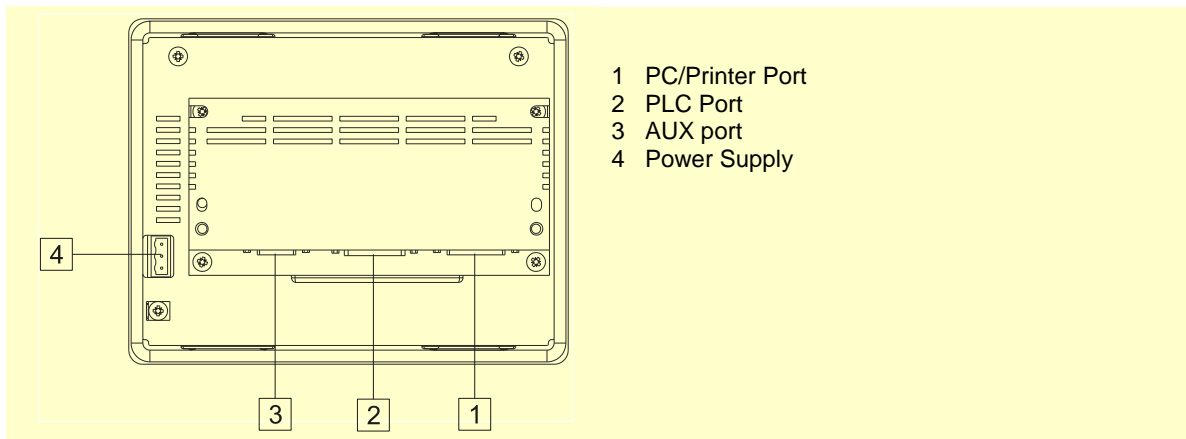
Technical Data

Display		Hardware RTC	Yes, battery backed
Type	eTOP05 TFT	Screen saver	Yes
Resolution	eTOP05P STN Monochrome	Buzzer	Yes, audible feedback for touch screen
Active display area	320x240 pixel	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.
Colors	115x86 mm (5.7" diagonal)		
Backlight	-		
Brightness	LED		
Dimming	eTOP05 130 cd/m ² typ. eTOP05P 60 cd/ m ² typ.		
	No		
Memory		Ratings	
User memory	32 MB Flash Card	Power supply voltage	24 V DC (18 to 30 V DC)
User memory expansion	-	Current consumption	Max 0.6 A at 24 VDC
		Fuse	Automatic
		Weight	Approx 1.4 Kg
Front panel		Environmental Conditions	
Touch screen	Analog resistive	Operating temperature	0 to 50 °C
Function keys	1	Storage temperature	-20 to +70 °C
System keys	-	Operating and storage humidity	5 – 85 % RH non-condensing
User LED's	1	Protection class	IP65 (front panel)
System LED's	4		
Interfaces		Dimensions	
PC/Printer port	Yes	Faceplate LxH	187x147 mm (7.36x5.79")
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop	Cutout Ax B	176x136 mm (6.93x5.35 ")
Aux port (fieldbus and Ethernet)	Yes, with optional modules	Mounting depth D	67 mm (2.63")
DX port (video input)	No		
Serial programming speed	9600 – 38400 bps	Approvals	
		CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Functionality		UL	UL508 Listed
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		

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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UniOP eTOP05, eTOP05P