

## UniOP eTOP06

The eTOP06 is a low-cost HMI device with touchscreen interface and a state-of-the-art 5.7" TFT display with LED backlight. The brilliant display, the compact size and the industry-standard 1/4 VGA resolution make it an attractive solution where space is a premium without compromising performance.



- 5.7" TFT color display
- LED backlight
- 320x240 resolution
- Resistive touchscreen
- Connection to industrial bus systems and Ethernet (requires optional plug-in modules)
- 32 MB user memory
- Compatible with local I/O

### 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 150 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 an host computer using the Ethernet connection.
- Analog gauge objects
- Recipe data storage. Recipe data can be transferred to an 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 an 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>		<b>Event list</b>	
Type	TFT	Password	1024
Resolution	320x240 pixel	Hardware RTC	Yes
Active display area	115x86 mm (5.7" diagonal)	Screen saver	Yes, with battery back-up
Colors	256	Buzzer	Yes
Backlight	LED		Yes, audible feedback for touch screen
Brightness	130 Cd/m <sup>2</sup> typ.		
Dimming	No		
<b>Memory</b>		<b>Ratings</b>	
User memory	32 MB Flash Card	Power supply voltage	24 V DC (18 to 30 Vdc)
Alternate User memory	-	Current consumption	0.5A at 24Vdc (max.)
<b>Front panel</b>		Fuse	Automatic
Touch screen	Analog resistive	Weight	Approx 1.4 Kg
Function keys	1	Battery	3 V 285 mA Lithium, non rechargeable, user replaceable, RENATA model CR2430. Replace with same component or equivalent.
System keys	-		
User LED indicators	1		
System LED indicators	4		
<b>Interfaces</b>		<b>Environmental Conditions</b>	
PC/Printer port	Yes	Operating temperature	0 to 50 °C
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop	Storage temperature	-20 to +70 °C
Aux port (fieldbus and Ethernet)	Yes, with optional modules	Operating and storage humidity	5 – 85 % RH non-condensing
DX port (video input)	No	Protection class	IP65 (front panel) IP20 (rear)
Serial programming speed	9600 – 38400 bps		
Local I/O	Yes, with optional modules		
<b>Functionality</b>		<b>Dimensions</b>	
Vector graphics	No	Faceplate LxH	187x147 mm (7.36x5.79")
Dual driver capability	Yes	Cutout AxB	176x136 mm (6.93x5.35")
Video input	No	Mounting depth (type 0050)	91 mm (3.58")
Data acquisition and trends	Yes		
Recipe memory	32 KB		
UniNet network	Client/Server		
Alarms	1024	<b>Approvals</b>	
		CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments

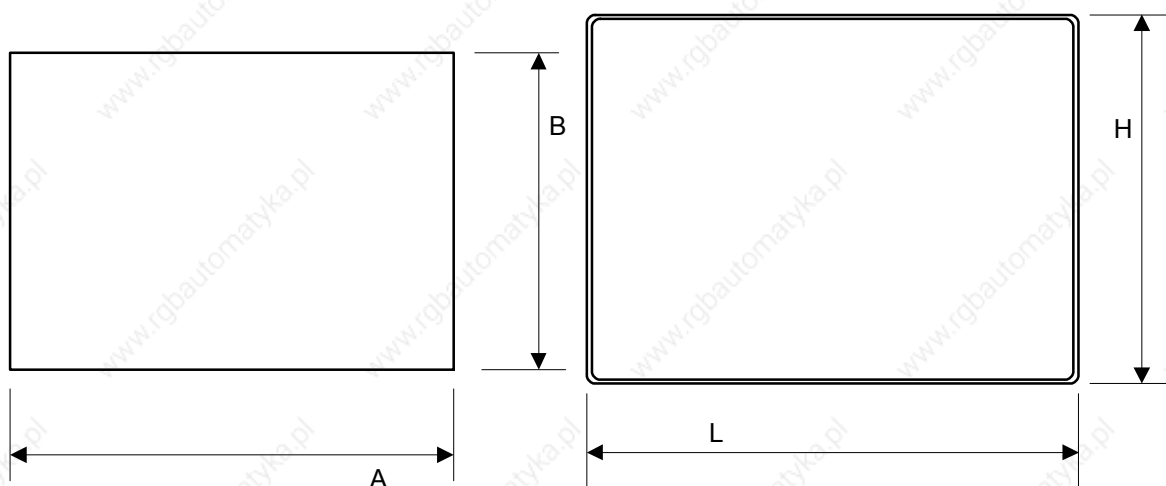


Figure 1 – Cutout and front view

### Ordering Information

eTOP06-0050

PROT-03

5.6" 1/4 VGA TFT color panel with touchscreen. Compatible with local I/O

Disposable protection foil for 5.6" eTOP touch panels (10 pieces)

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