

## 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 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 TFT Resolution 320x240 pixel Active display area 115x86 mm (5.7" diagonal) Colors 256 Backlight LED Brightness 130 Cd/m <sup>2</sup> typ. Dimming No		Event list 1024 Password Yes Hardware RTC Yes, with battery back-up Screen saver Yes Buzzer Yes, audible feedback for touch screen	
<b>Memory</b> User memory 32 MB Flash Card Alternate User memory -		<b>Ratings</b> Power supply voltage 24 V DC (18 to 30 Vdc) Current consumption 0.5A at 24Vdc (max.) Fuse Automatic Weight Approx 1.4 Kg Battery 3 V 285 mA Lithium, non rechargeable, user replaceable, RENATA model CR2430. Replace with same component or equivalent.	
<b>Front panel</b> Touch screen Analog resistive Function keys 1 System keys - User LED indicators 1 System LED indicators 4		<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) IP20 (rear)	
<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 Local I/O Yes, with optional modules		<b>Dimensions</b> Faceplate LxH 187x147 mm (7.36x5.79") Cutout AxB 176x136 mm (6.93x5.35 ") Mounting depth (type 0050) 91 mm (3.58")	
<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		<b>Approvals</b> CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments	

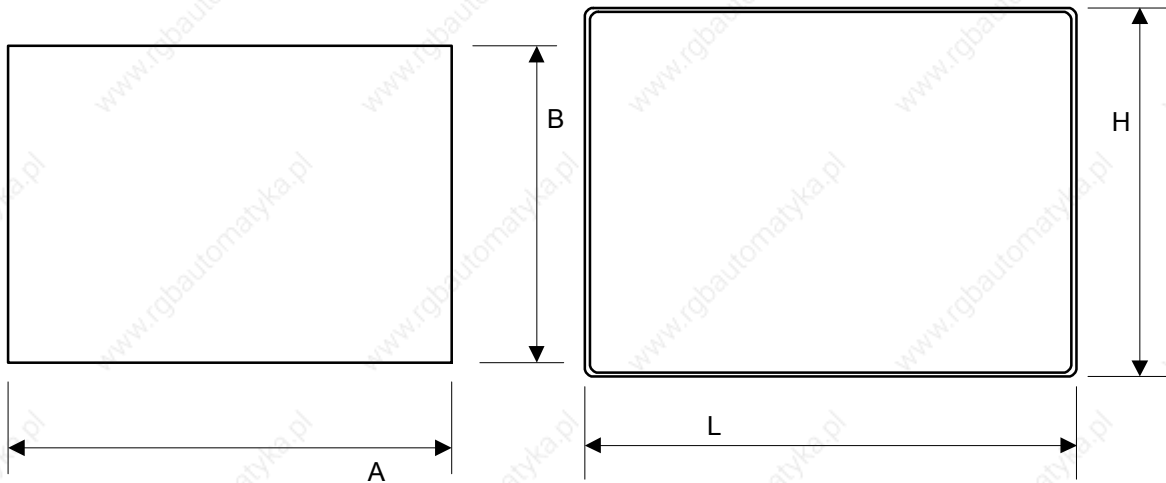


Figure 1 – Cutout and front view

### 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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