

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

Display Type TFT Resolution 320x240 pixel Active display area 115x86 mm (5.7" diagonal) Colors 256 Backlight LED Brightness 130 Cd/m ² 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	
Memory User memory 32 MB Flash Card Alternate User memory -		Ratings 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.	
Front panel Touch screen Analog resistive Function keys 1 System keys - User LED indicators 1 System LED indicators 4		Environmental Conditions 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)	
Interfaces 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		Dimensions Faceplate LxH 187x147 mm (7.36x5.79") Cutout AxB 176x136 mm (6.93x5.35 ") Mounting depth (type 0050) 91 mm (3.58")	
Functionality 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		Approvals CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments	

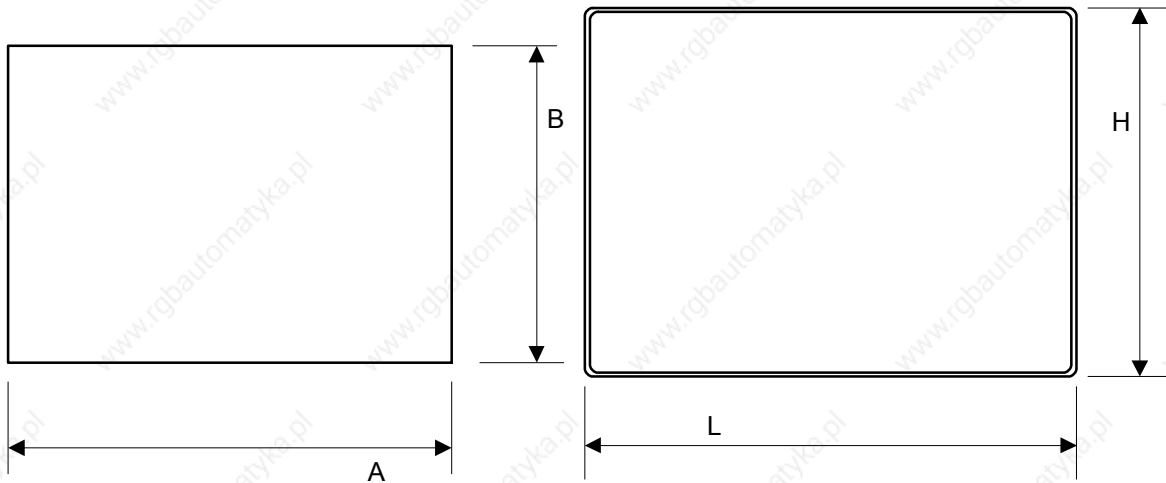


Figure 1 – Cutout and front view

Ordering Information

eTOP06-0050

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

PROT-03

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

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