

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		Event list	
Type	TFT	Event list	1024
Resolution	320x240 pixel	Password	Yes
Active display area	115x86 mm (5.7" diagonal)	Hardware RTC	Yes, with battery back-up
Colors	256	Screen saver	Yes
Backlight	LED	Buzzer	Yes, audible feedback for touch screen
Brightness	130 Cd/m ² typ.		
Dimming	No		
Memory		Ratings	
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.)
		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		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 indicators	1	Protection class	IP65 (front panel) IP20 (rear)
System LED indicators	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 AxB	176x136 mm (6.93x5.35 ")
Aux port (fieldbus and Ethernet)	Yes, with optional modules	Mounting depth (type 0050)	91 mm (3.58")
DX port (video input)	No		
Serial programming speed	9600 – 38400 bps		
Local I/O	Yes, with optional modules		
Functionality		Approvals	
Vector graphics	No	CE	Emission
Dual driver capability	Yes		EN 61000-6-4
Video input	No		Immunity
Data acquisition and trends	Yes		EN 61000-6-2
Recipe memory	32 KB		for installation in industrial environments
UniNet network	Client/Server		
Alarms	1024		

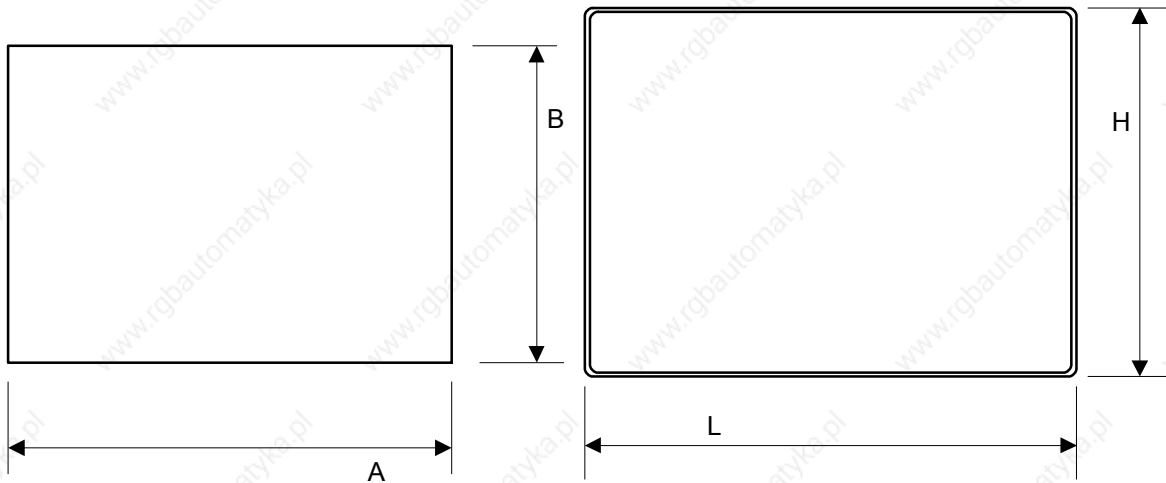


Figure 1 – Cutout and front view

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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