

## 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 <sup>2</sup> typ.
Dimming	No

### Memory

User memory	32 MB Flash Card
Alternate User memory	-

### Front panel

Touch screen	Analog resistive
Function keys	1
System keys	-
User LED indicators	1
System LED indicators	4

### 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

### 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

Event list	1024
Password	Yes
Hardware RTC	Yes, with battery back-up
Screen saver	Yes
Buzzer	Yes, audible feedback for touch screen

### 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.

### 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)

### Dimensions

Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxB	176x136 mm (6.93x5.35 ")
Mounting depth (type 0050)	91 mm (3.58")

### Approvals

CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
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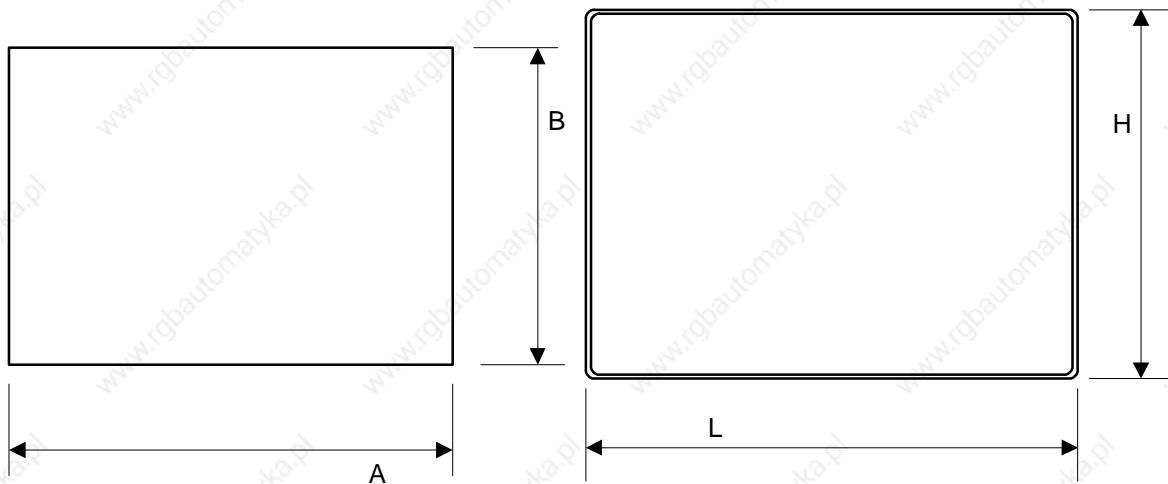


Figure 1 – Cutout and front view

### 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)

Tn266

Ver. 1.2

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