

## UniOP eTOP40C

The eTOP40C is a state-of-the-art HMI device with touchscreen interface and 12.1" TFT color graphic display. Support for 64K colors in the brilliant TFT display will increase the realism of the images. The integrated 10/100 Ethernet interface makes connectivity in complex control systems much more efficient. The SVGA resolution makes it the ideal choice for high-end HMI applications.



- 12.1" TFT color display
- SVGA (800x600 pixel) resolution
- 64K colors
- Resistive touchscreen
- 10/100 Ethernet interface
- USB port
- Connection to industrial bus systems using optional plug-in modules
- Compatible with video input module
- 64 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
- Built-in Ethernet port for connection to field devices as well as programming the HMI from Designer.
- USB host port for the connection of flash drives. Flash drives can be used for application upgrade as well as firmware upgrade of the device
- Optional plug-in modules for fieldbus systems and networks (Profibus DP, CANopen, DeviceNet, Interbus, KNX)
- Dual-driver communication capability
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Video input option
- Display dynamic data in numerical, text, bargraph, analog gauges and graphic image formats
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection or copied to flash drives via USB 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.
- 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.

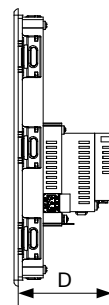
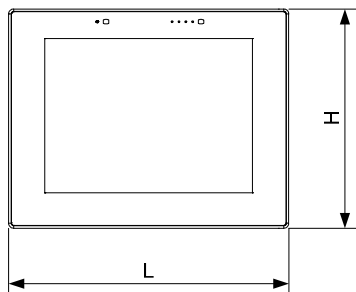
## Technical Data

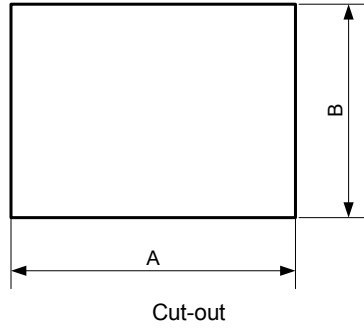
<b>Display</b> Type TFT Resolution SVGA, 800x600 pixel Active display area 246x184 mm (12.1" diagonal) Colors 64K Backlight CCFL, 50000 h <sup>(note 1)</sup> Brightness 250 Cd/m <sup>2</sup> typ. Dimming Yes		UniNet network Client/Server Alarms 1024 Event list 1024 Password Yes Hardware RTC Yes, battery back-up Screen saver Yes Buzzer Yes, audible feedback for touch screen	
<b>Memory</b> User memory 64 MB internal Flash Alternate User memory Optional removable 32/64 MB SSFDC memory card		<b>Ratings</b> Power supply voltage 24 V DC (18 to 30 Vdc) Current consumption 1.3A at 24Vdc(max.) Fuse Automatic Weight Approx 2.8 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's 1 System LED's 4		<b>Environmental Conditions</b> Operating temperature 0 to 45 °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, RS-232 PLC port RS-232, RS-485, RS-422, 20 mA Current Loop Ethernet port 10/100 Mbit USB port Host version 1.1 <sup>(1)</sup> Aux port (fieldbus) Yes, with optional modules DX port (video input) Yes Serial programming speed 9600 – 38400 bps Local I/O Yes, with optional modules		<b>Dimensions</b> Faceplate LxH 337x267 mm (13.26x10.51") Cutout AxB 326x256 mm (12.83x10.08") Mounting depth D 91 mm (3.58")	
<b>Functionality</b> Vector graphics Yes Dual driver capability Yes Video input Yes Data acquisition and trends Yes Recipe memory Yes. Flash memory storage limited only by available memory <sup>(1)</sup>		<b>Approvals</b> CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments	

Note 1: the lamp lifetime is the typical value for continuous operation at 25°C.

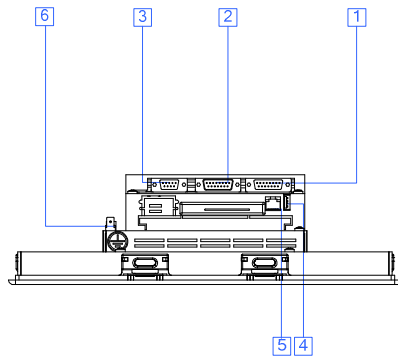
Note 2: operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

### Dimensions





## Connections



- 1 PC/Printer Port
- 2 PLC Port
- 3 Aux Port
- 4 USB Port
- 5 Ethernet Port
- 6 Power Supply

## Ordering Information

eTOP40C-0050  
PROT-05

12.1" SVGA TFT color panel with touchscreen  
Disposable protection foil for 12.1" eTOP touch panels (10 pieces)

Tn239

Ver. 1.2

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