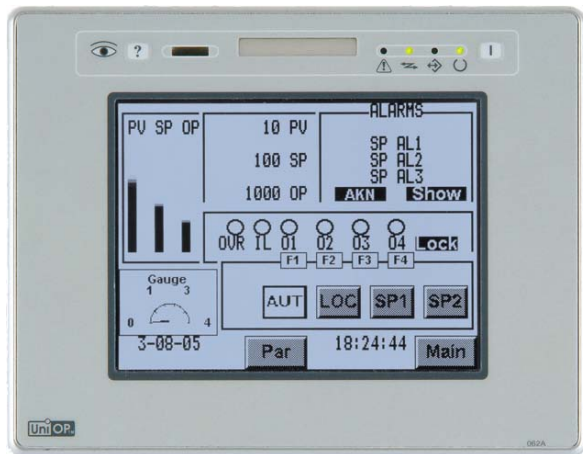


UniOP eTOP05

The eTOP05 is a low-cost HMI device with touchscreen interface and 5.6" monochrome graphic display. The compact size and the 1/4 VGA resolution make it the optimal solution for a tight budget compromising quality and performance.



- 5.6" monochrome display with white LED backlight
- 1/4 VGA (320x240 pixel) resolution
- Resistive touchscreen
- Connection to industrial bus systems and Ethernet (requires optional plug-in modules)
- 32 MB user memory

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 130 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 | Monochrome LCD |
| Resolution | ¼ VGA, 320x240 pixel |
| Active display area | 121x91 mm (5.6" diagonal) |
| Colors | - |
| Backlight | White LED |
| Brightness | 60 cd/m ² typ. |
| Dimming | No |
| Contrast regulation | Software |
| Memory | |
| User memory | 32 MB Flash Card |
| User memory expansion | - |
| Front panel | |
| Touch screen | Analog resistive |
| Function keys | 1 |
| System keys | - |
| User LED's | 1 |
| System LED's | 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 |
| 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, battery backed |
| Screen saver | Yes |
| Buzzer | Yes, audible feedback for touch screen |
| Battery | 3 V 270 mA Lithium, non rechargeable, user replaceable, model CR2430. Replace with same component or equivalent compatible with the operating temperature of the product. |
| Ratings | |
| Power supply voltage | 24 V DC (18 to 30 V DC) |
| Current consumption | Max 0.6 A at 24 VDC |
| Fuse | Automatic |
| Weight | Approx 1.4 Kg |
| 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) |
| Dimensions | |
| Faceplate LxH | 187x147 mm (7.36x5.79") |
| Cutout AxB | 176x136 mm (6.93x5.35") |
| Mounting depth (type 0045) | 79 mm (3.12") |

The product is designed for installation in industrial environments in compliance with the regulations:

Emitted interference EN 61000-6-4, 2001
 Noise immunity EN 61000-6-2, 2001

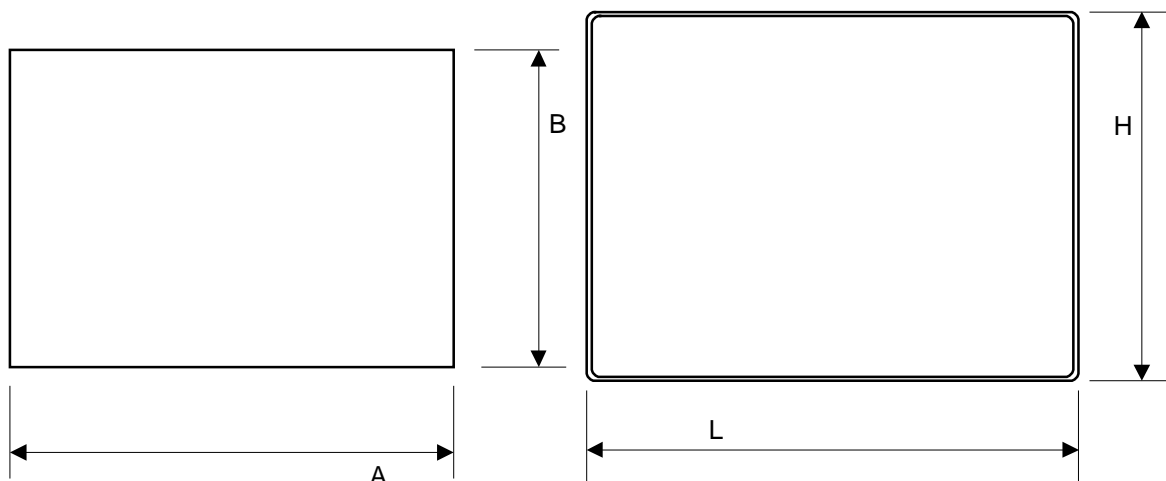


Figure 1 – Cutout and front view

Ordering Information

eTOP05-0045
PROT-03

5.6" ¼ VGA monochrome graphic HMI with touchscreen
Disposable protection foil for 5.6" eTOP touch panels (10 pieces)

Tn170

Ver. 1.05

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Subject to change without notice

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UniOP eTOP05

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