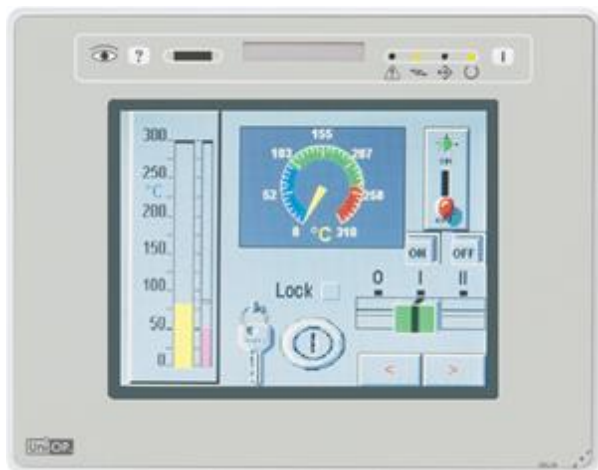


UniOP eTOP11

The eTOP11 is a low-cost HMI device with touchscreen interface and 5.6" STN graphic display. The compact size and the 1/4 VGA resolution make it an attractive solution where space is a premium without compromising performance.



- 5.6" STN color display
- 1/4 VGA (320x240 pixel) 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 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		Recipe memory	32 KB
Type	STN	UniNet network	Client/Server
Resolution	¼ VGA, 320x240 pixel	Alarms	1024
Active display area	121x91 mm (5.6" diagonal)	Event list	1024
Colors	16	Password	Yes
Backlight	CCFL, 75K h ^(note 1)	Hardware RTC	Yes, battery backed
Brightness	330 cd/m ² typ.	Screen saver	Yes
Dimming	No	Buzzer	Yes, audible feedback for touch screen
Contrast regulation	Software	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.
Memory		Ratings	
User memory	32 MB Flash Card	Power supply voltage	24 V DC (18 to 30 V DC)
User memory expansion	-	Current consumption	Max 0.6 A at 24 VDC
Front panel		Fuse	Automatic
Touch screen	Analog resistive	Weight	Approx 1.4 Kg
Function keys	1	Environmental Conditions	
System keys	-	Operating temperature	0 to 45 °C
User LED's	1	Storage temperature	-20 to +70 °C
System LED's	4	Operating and storage humidity	5 – 85 % RH non-condensing
Interfaces		Protection class	IP65 (front panel)
PC/Printer port	Yes	Dimensions	
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop	Faceplate LxH	187x147 mm (7.36x5.79")
Aux port (fieldbus and Ethernet)	Yes, with optional modules	Cutout AxB	176x136 mm (6.93x5.35")
DX port (video input)	No	Mounting depth (type 0050)	91 mm (3.58")
Serial programming speed	9600 – 38400 bps		
Functionality			
Vector graphics	No		
Dual driver capability	Yes		
Video input	No		
Data acquisition and trends	Yes		

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

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

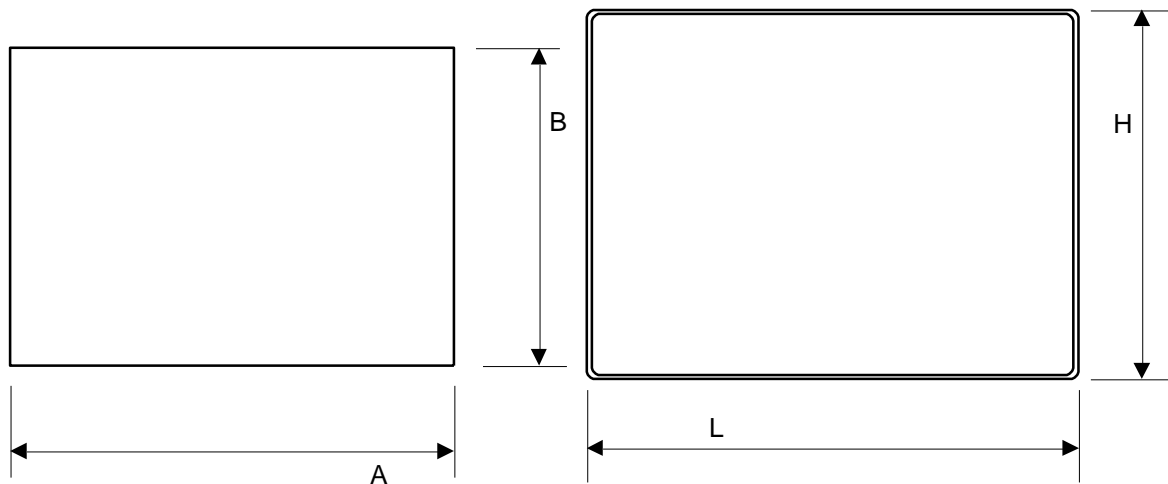


Figure 1 – Cutout and front view

Ordering Information

eTOP11-0050
PROT-03

5.6" 1/4 VGA STN color panel with touchscreen
Disposable protection foil for 5.6" eTOP touch panels (10 pieces)

Tn235

Ver. 1.00

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