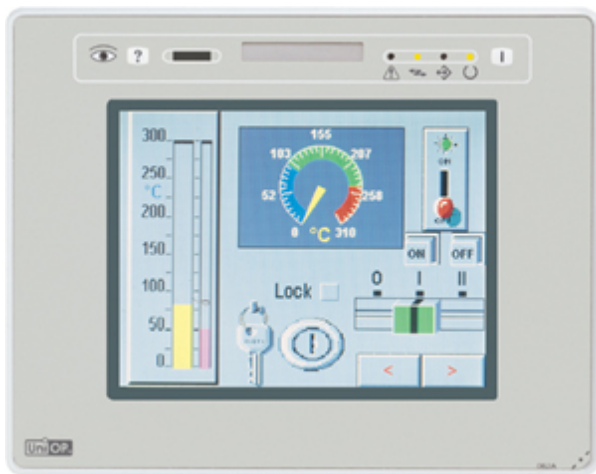


UniOP eTOP11C

The eTOP11C is a low-cost HMI device with touchscreen interface and 5.6" STN graphic display. The enhanced graphical capabilities compared to the basic eTOP11 make it the ideal choice for demanding applications on a limited budget. The integrated 10/100 Ethernet interface makes connectivity in complex control systems much more efficient.



- 5.6" STN color display
- 1/4 VGA (320x240 pixel) resolution
- Resistive touchscreen
- 10/100 Ethernet interface
- Connection to industrial bus systems (requires optional plug-in modules)
- 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 functionality 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
- Integrated Ethernet port for connection to field devices as well as programming the HMI from Designer.
- Optional modules for fieldbus systems (Profibus DP, CANopen, DeviceNet, Interbus)
- Dual-driver communication capability
- Vector graphic capabilities including the support of multiple layers and object transparency.
- 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	STN
Resolution	¼ VGA, 320x240 pixel
Active display area	121x91 mm (5.6" diagonal)
Colors	256
Backlight	CCFL, 75K h ^(note 1)
Brightness	330 cd/m ² typ.
Dimming	No
Contrast regulation	Software

Memory

User memory	64 MB internal Flash
Alternate User memory	Optional removable 32/64 MB SSFDC memory card

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
Ethernet port	10/100 Mbit
Aux port (fieldbus)	Yes, with optional modules
DX port (video input)	No
Serial programming speed	9600 – 38400 bps

Functionality

Vector graphics	Yes
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 1.0 A at 24 VDC
Fuse	Automatic
Weight	Approx 1.4 Kg

Environmental Conditions

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)

Dimensions

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

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

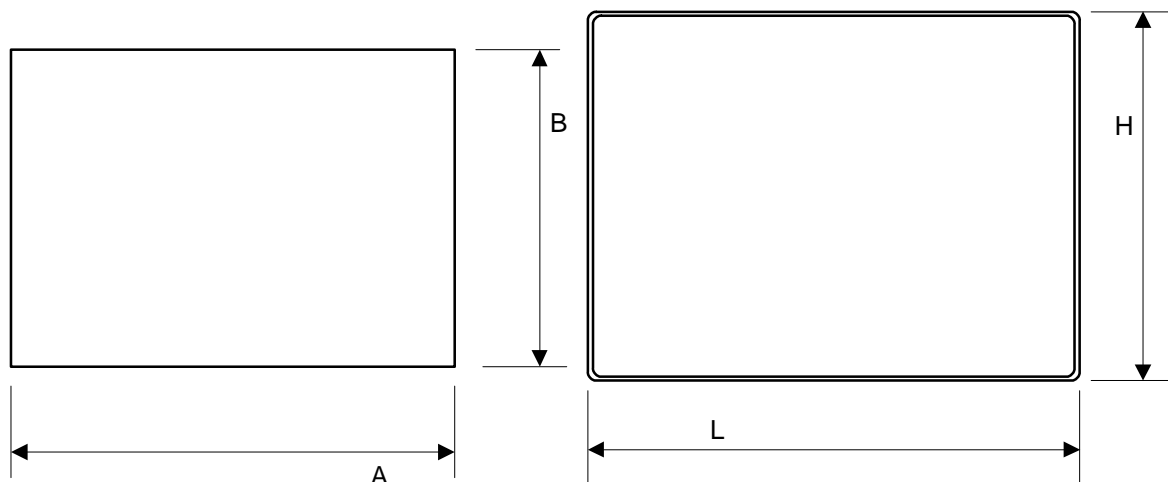


Figure 1 – Cutout and front view

Ordering Information

eTOP11C-0050
PROT-03

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

Tn253

Ver. 1.1

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