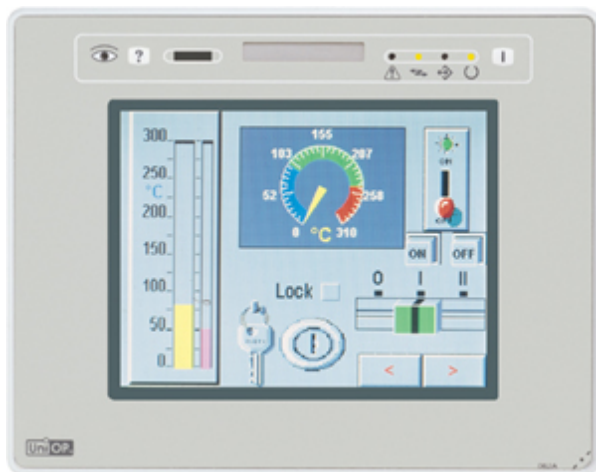


UniOP eTOP10B and eTOP11EB

The eTOP10B and eTOP11EB are state-of-the-art HMI devices with touchscreen interface and 5.6" TFT and STN color graphic displays. Support for 64K colors in the brilliant TFT display will increase the realism of the images. The compact size and the 1/4 VGA resolution make them an attractive solution where space is a premium without compromising performance.



- 5.6" TFT and STN color displays
- 1/4 VGA (320x240 pixel) resolution
- 64K colors (eTOP10B only)
- Resistive touchscreen
- Connection to industrial bus systems and Ethernet (requires optional plug-in modules)
- Compatible with video input module (eTOP10B only)
- 32 MB internal 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
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Video input option (eTOP10B only)
- 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		Data acquisition and trends	
Type	eTOP10B TFT eTOP11EB STN	Recipe memory	Yes
Resolution	1/4 VGA, 320x240 pixel	UniNet network	32 KB
Active display area	121x91 mm (5.6" diagonal)	Alarms	Client/Server
Colors	eTOP10B 64K eTOP11EB 256	Event list	1024
Backlight	eTOP10B CCFL, 50K h ^(note 1) eTOP11EB CCFL, 75K h ^(note 1)	Password	1024
Brightness	eTOP10B 330 cd/m ² typ. eTOP11EB 330 cd/m ² typ.	Hardware RTC	Yes
Dimming	eTOP10B Yes eTOP11EB No	Screen saver	Yes, battery backed
Memory		Buzzer	Yes
User memory	32 MB internal Flash	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.
User memory expansion	Optional removable 32 MB SSFDC memory card	Ratings	
Front panel		Power supply voltage	24 V DC (18 to 30 V DC)
Touch screen	Analog resistive	Current consumption	Max 0.6 A at 24 VDC
Function keys	1	Fuse	Automatic
System keys	-	Weight	Approx 1.4 Kg
User LED's	1	Environmental Conditions	
System LED's	4	Operating temperature	0 to 45 °C
Interfaces		Storage temperature	-20 to +70 °C
PC/Printer port	Yes	Operating and storage humidity	5 – 85 % RH non-condensing
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop	Protection class	IP65 (front panel)
Aux port (fieldbus and Ethernet)	Yes, with optional modules	Dimensions	
DX port (video input)	eTOP10B Yes eTOP11EB No	Faceplate LxH	187x147 mm (7.36x5.79")
Serial programming speed	9600 – 38400 bps	Cutout AxB	176x136 mm (6.93x5.35 ")
Functionality		Mounting depth (type 0050)	91 mm (3.58")
Vector graphics	Yes	Max panel thickness	5 mm (0.2")
Dual driver capability	Yes		
Video input	eTOP10B Yes eTOP11EB No		

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

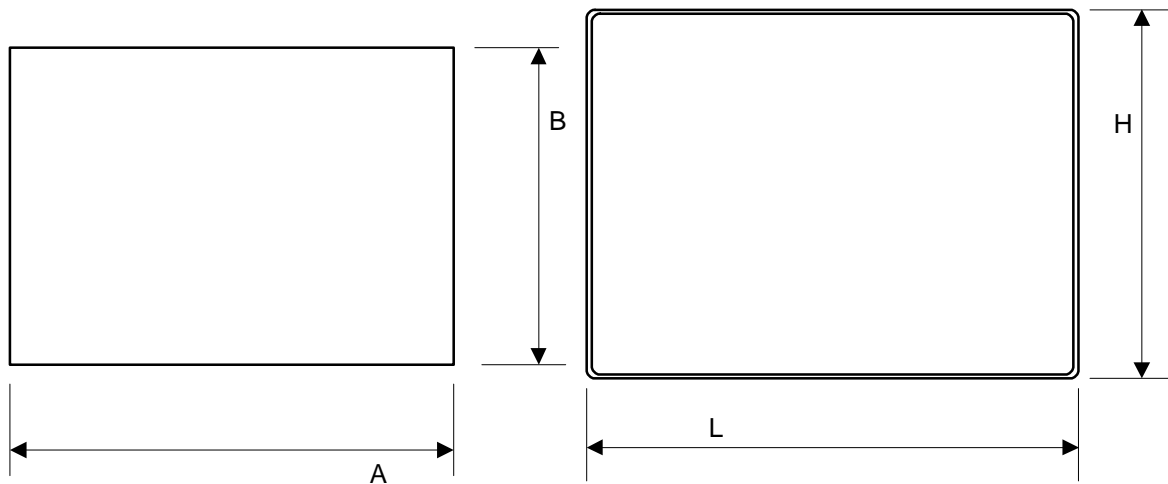


Figure 1 – Cutout and front view

Ordering Information

eTOP10B-0050
eTOP11EB-0050

5.6" 1/4 VGA TFT color panel with touchscreen
5.6" 1/4 VGA STN color panel with touchscreen

Tn215
Ver. 1.00

Copyright © 2004 Sitek S.p.A. – Verona, Italy

Subject to change without notice

The information contained in this document is provided for informational purposes only. While efforts were made to verify the accuracy of the information contained in this documentation, it is provided "as is" without warranty of any kind.

www.exor-rd.com

tn215-0.doc - 29.03.2005
UniOP eTOP10B and eTOP11EB