

UniOP eTOP06C

The eTOP06C is a low-cost HMI device with touchscreen interface and a state-of-the-art 5.7" TFT display with a bright LED backlight. The enhanced graphical capabilities compared to the basic eTOP06 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.



- 5.7" TFT color display
- LED backlight
- 1/4 VGA resolution
- 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 an host computer using the Ethernet connection.
- Recipe data storage. Recipe data can be transferred to an 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 an 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.

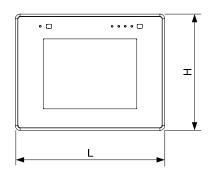


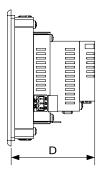
Technical Data

Display Type Resolution	TFT 1/4 VGA, 320x240 pixel	UniNet network Alarms Event list	Client/Server 1024 1024
Active display area	115x86 mm (5.7" diagonal)	Password	Yes
Colors	64K	Hardware RTC	Yes, battery back-up
Backlight	LED	Screen saver	Yes
Brightness	130 Cd/m ² typ.	Buzzer	Yes, audible feedback for
Dimming	Yes		touch screen
Memory		Ratings	
User memory	64 MB internal Flash	Power supply voltage	24 V DC (18 to 30 Vdc)
Alternate User memory	Optional removable 32/64 MB	Current consumption	1A at 24Vdc(max.)
	SSFDC memory card	Fuse	Automatic
Front nonel		Weight	Approx 1.4 Kg 3 V 285 mA Lithium, non
Front panel	A = I = = i = 4i =	Battery	
Touch screen	Analog resistive		rechargeable, user
Function keys	1		replaceable, RENATA model
System keys	-		CR2430. Replace with same
User LED's	1		component or equivalent.
System LED's	4	Environmental	
Interfaces		Conditions	
	V DC 000	Operating temperature	0 to 50 °C
PC/Printer port	Yes, RS-232		
PLC port	RS-232, RS-485, RS-422, 20	Storage temperature	-20 to +70 °C
E41	mA Current Loop		5 – 85 % RH non-condensing
Ethernet port	10/100 Mbit	humidity	IDOF (f , ,)
USB port	Host version 1.1 (1)	Protection class	IP65 (front panel)
Aux port (fieldbus)	Yes, with optional modules		IP20 (rear)
DX port (video input)	Yes		
Serial programming	9600 – 38400 bps	Dimensions	(
speed	Var with antiqual madels	Faceplate LxH	187x147 mm (7.36x5.79")
Local I/O	Yes, with optional modules	Cutout AxB	176x136 mm (6.93x5.35 ")
		Mounting depth D	91 mm (3.58")
Functionality	Voc	Annanala	
Vector graphics	Yes	Approvals	Faciation
Dual driver capability	Yes	CE	Emission
Video input	Yes		EN 61000-6-4
Data acquisition and	Yes		Immunity
trends	Vac Flack mamony stars		EN 61000-6-2
Recipe memory	Yes. Flash memory storage		for installation in industrial
	limited only by available		environments
	memory (1)		

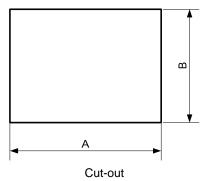
Note 1: operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

Dimensions

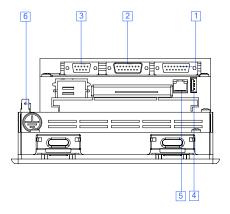








Connections



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

Ordering Information

eTOP06C-0050

5.6" 1/4 VGA TFT color touchscreen with Ethernet and USB interfaces. Compatible with local I/O

PROT-03

Disposable protection foil for 5.6" eTOP touch panels (10 pieces)

Tn267 Ver. 1.3

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