

# UniOP eTOP38CP

The eTOP38CP is a state-of-the-art HMI device featuring a high-brightness sunlight-readable 10.4" TFT color display with 800x600 (SVGA) resolution and resistive touchscreen. This product has been specifically designed for use with extreme illumination conditions. Support for 64K colors in the brilliant TFT display will increase the realism of the images. Connectivity is ensured by the integrated 10/100 Ethernet interface and the dual-module option. The coated electronics makes this product ideal for applications in harsh environments.



- 10.4" TFT color display
- High brightness
- 800x600 pixel (SVGA) resolution, 64K colors
- Resistive touchscreen
- 64 MB user memory
- 10/100 Ethernet interface
- USB port
- Dual-module option
- Compatible with local I/O
- Protective coating

#### **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 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.
- 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 ResolutionFTT FTT ResolutionFTT Hardware RTC Stream Saver BuzzerYes Yes Yes, audible feedback for touch screenActive display area Colors10.4"diagonal (218x159 mm) 64K CCFL, 50000 h <sup>(mole 1)</sup> TO ocd/m" typ.Screem saver BuzzerYes, audible feedback for touch screenMemory User memory Alternate user memory Function keys Lornot keys64 MB internal Flash Optional removable 32/64 MB SSFDC memory card700 cd/m" typ.Front panel Function keys User LD's1Analog resistive 124 V DC (18 to 30 Vdc) 1.4 actavitation and User LD'sInterfaces PC/Printer port US port (Heidbus)1Conditions 2.2 SK 485, RS-422 10/100 Mbit 100 kbit user memory 9600 – 38400 bps speed Locarl I/O1VesVes, with optional modules (mote 4)Protection classIP65 (front panel) 1P20 (rear)Functionality VesYesYesProtection classIP65 (front panel) 1P20 (rear)VesYesYesStream Stream 276v221 rm (11.30x9.14") 276v221 rm (11				
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Password Yes				
	Password	Yes		

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

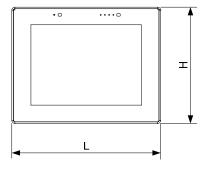
Note 2: operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

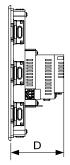
Note 3: a filter NEF 1-10 Phoenix Contact or equivalent must be installed to comply with emission limits for equipment installed in naval environments in the bridge and deck zone according to RINA/GL rules.

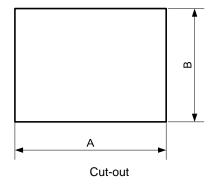
Note 4: the optional modules may be not available as RINA/GL certified components. Make sure you verify the updated specification of the products.



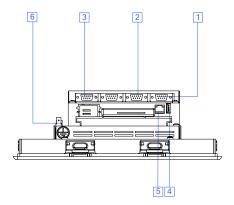
### Dimensions







## Connections



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



# **Ordering Information**

eTOP38CP-0052	10.4" SVGA high-brightness TFT color panel with touchscreen, of	
	option modules, protective coating	
SCM05P-C	PLC module, CoDeSys, CANopen interface, protective coating	
TCM09P	CANopen interface module, protective coating	
UIM05P	Local I/O module, protective coating	
PROT-04	Disposable protection foil for 10.4" eTOP touch panels (10 pieces)	

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