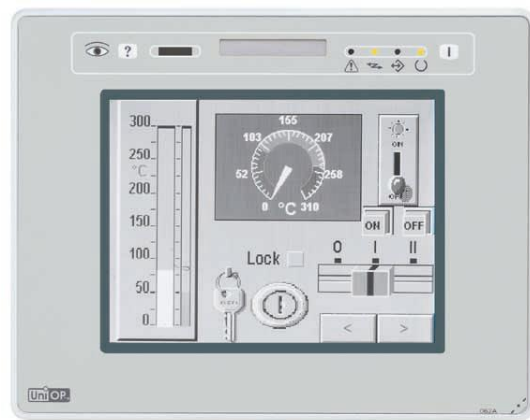# UniOP eTOP05

The eTOP05 is a state-of-the-art HMI device featuring a touchscreen interface and a 5.6" graphic display with LED backlighting. The metal bezel offers a rugged and convenient flat design and an appealing look.

Highlights

- **5.6" diagonal graphic display**
- **Monochrome display with long-life white LED backlight**
- **¼ VGA (320x240 pixels) resolution**
- **Resistive touchscreen**
- **Connection to industrial bus systems and Ethernet (requires plug-in modules)**
- **Large memory size (8 MB Flash) on removable media**
- **IP65 front panel protection**
- **Programmable with UniOP Designer version 5.08**

The eTOP HMI panels are part of the eTOUCH family of touchscreen products. All of the eTOUCH products support the rich common functionality of the UniOP operator panels:

- Powerful and intuitive programming with the UniOP Designer software
- Support of more than 130 communication drivers for industrial devices
- Optional plug-in modules for connection to industrial fieldbus systems (Profibus DP, DeviceNet, Interbus, CANopen) and Ethernet
- Display data in numerical, text and bargraph format
- Dynamic graphic objects
- Data acquisition and trend presentation
- Analog gauges
- Recipe data storage
- Keyboard/Touch macro editor
- Alarms and historical alarm list
- Eight level password protection
- Report printing to serial printer

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Technical Data

eTOP05	Display Monochrome LCD	Colors -	Backlight White LED	Lifetime 50000 h

Display

Graphic resolution	320x240 pixels
Active display area	121x91 mm (5.6"diagonal)
Rows/columns	16x40
Character height	-
Scalable fonts	Yes
User definable characters	256
Contrast regulation	Software with temperature compensation

Memory

User memory	8 MB on SSFDC memory card
User memory expansion	-

Front panel

Function keys	-
System keys	-
Touch screen	Resistive (guaranteed 3 M operations)
User LED's	-
System LED's	5

Connections

PC/Printer port	Yes
PLC port	RS-232, RS-485, RS-422, 20 mA CL
Aux port (fieldbus and Ethernet connection)	Yes, with optional modules
External keyboard port	No
Programming speed	9600 - 38400 bps

Functionality

Number of variables per page	Unlimited
Recipe memory	32 KB
Data acquisition and trends	Yes
UniNet network	Client/Server
Alarms	1024
Event list	1024
Alarm info page	Yes
Password	Yes
Battery	Yes
Hardware RTC	Yes, battery backed
Screen saver	Yes
Buzzer	No
Power supply voltage	18 - 30 VDC
Max power consumption	~ 600 mA at 24 VDC
Fuse	Automatic

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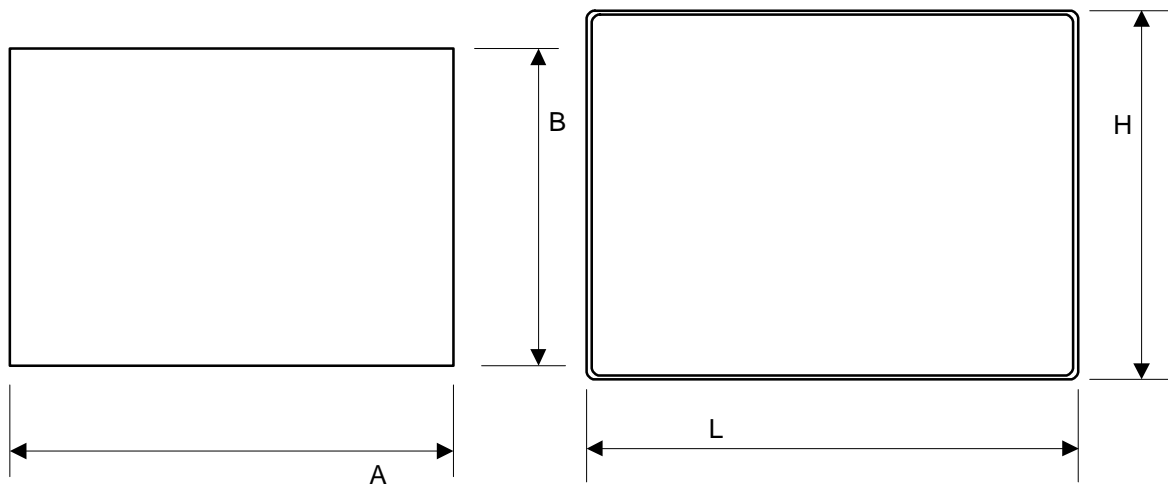|	
Weight	~ 1.4 Kg
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 - 85 % RH non-condensing
Protection class	IP65 (front panel)

The product is designed for installation in an industrial environment in compliance with the regulations:
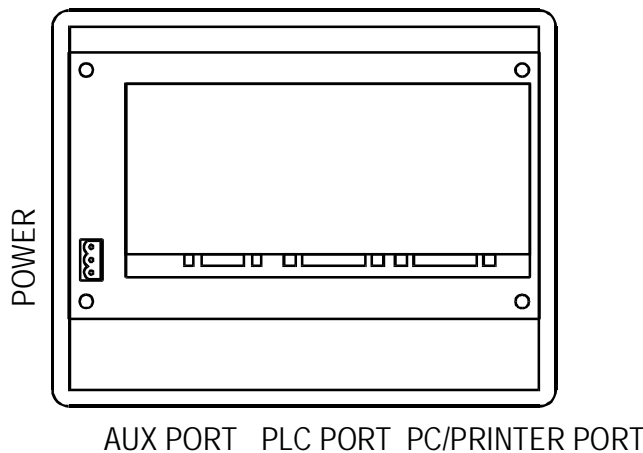Emitted interference   EN 61000-6-4, 2001
Noise immunity   EN 61000-6-2, 2001

Front Dimensions and Cutout

Faceplate LxH	187x147 mm	7.36x5.79"
Cutout AxB	176x136 mm	6.93x5.35"
Cutout depth (version -0045)	79 mm	3.12"
Max thickness of mounting plate	5 mm	0.2"

Connections

AUX PORT   PLC PORT PC/PRINTER PORT

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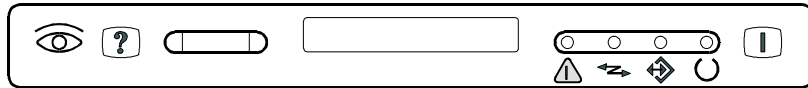Tel : 03.26.04.20.21 - Fax : 03.26.04.28.20 - Web : http: www.audin.fr - Email : info@audin.fr

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Indicators

There are several dedicated LED indicators on the front panel of the unit. Functions are described in the table below.
A customizable legend strip is included.

Elements not listed in this chapter are reserved for future use.

LED	Color	Status	Meaning
👁	red	OFF	No hardware problem detected
		BLINK	Battery low
		ON	Hardware fault
	green	OFF	No touch cell active
		ON	While any touch cell is active (visual feedback)
○	green	OFF	Hardware fault
		ON	Unit in operation
⮂	green	BLINK	Communication error
		ON	Communication OK
⚠	red	OFF	No alarms
		BLINK	Alarm requires acknowledgment
		ON	Alarm active
◈	green		May be user controlled as LED number 65 using the Macro Editor. Turns ON when recipe/event backup is being performed.

The service area at the top of the product includes also two buttons.

Button	Description
?	User programmable with the Keyboard Macro Editor. Not available in RDA. Designer 5.08 SP7 or higher is required.
I	Reserved for future use

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Ordering Information

| eTOP05-0045 | Entry-level 5.6" monochrome panel with touchscreen |

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