

UniOP eTOP312

The UniOP eTOP Series 300 combines state-of-the-art features and performance with an outstanding design. They are the ideal choice for HMI applications including factory and building automation. The eTOP312 features an industry standard 12.1" TFT display with SVGA resolution and full vector graphic capabilities. This is the ideal product for high-end HMI applications. Connections include Ethernet and USB.



- 12.1" TFT color display, CCFL backlight
- 800x600 pixel (SVGA) resolution, 64K colors
- Advanced vector graphics
- Resistive touchscreen
- 64 MB user memory
- 10/100 Ethernet interface
- USB interface
- Connection to bus systems using optional plug-in modules
- Slim design. Mounting depth less than 50mm

Highlights

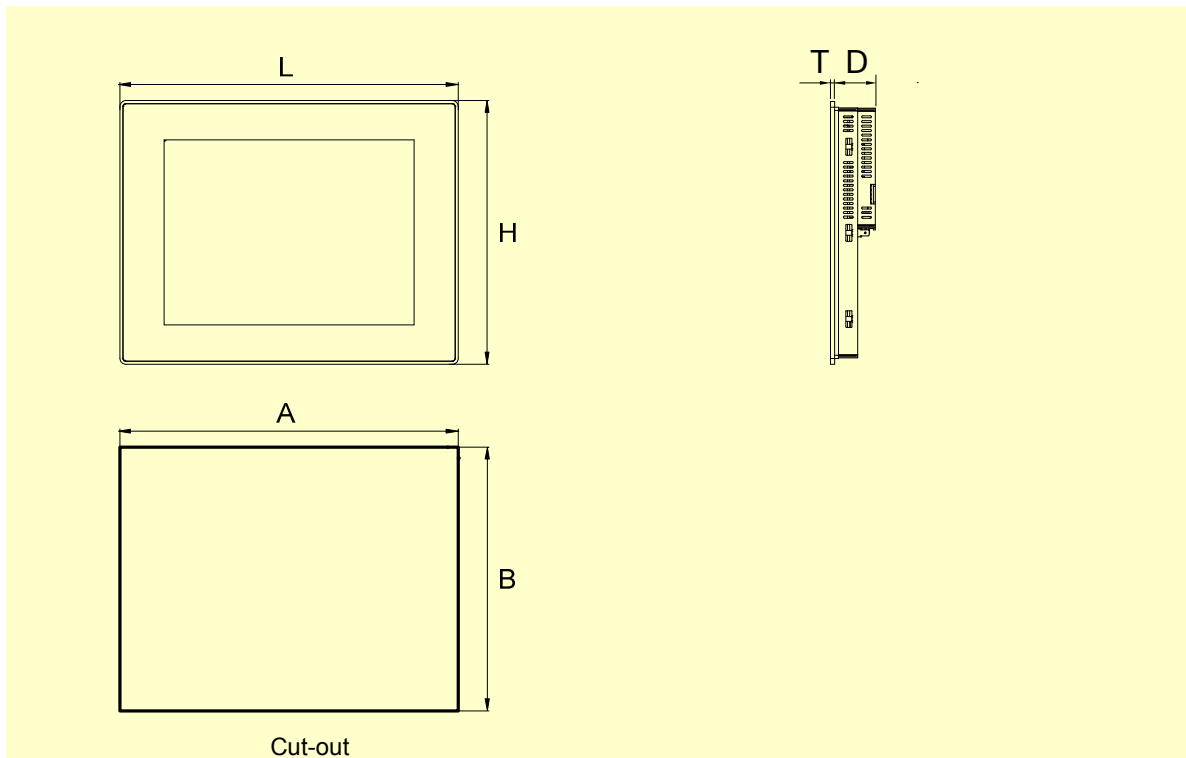
The eTOP Series 300 HMI panels are fully compatible with UniOP Designer 6 software.

- Powerful and intuitive programming with the UniOP Designer 6 software.
- Supports more than 150 communication drivers.
- Built-in Ethernet port for communication with devices, programming the HMI from Designer and retrieving data from computers.
- USB host port for the connection of flash drives. Flash drives can be used for upgrading applications and firmware.
- Optional plug-in modules for fieldbus systems and networks. Compatible with TCM and SCM modules.
- Dual-driver communication capability.
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Data display in numerical, text, bargraph, analog gauges and graphic image formats. Dynamic object properties supported.
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection or copied to flash drives via USB connection.
- Multilanguage applications. Far East languages are supported. The number of runtime languages is limited only by the available memory. All text information in the application can be exported to files 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.
- 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.

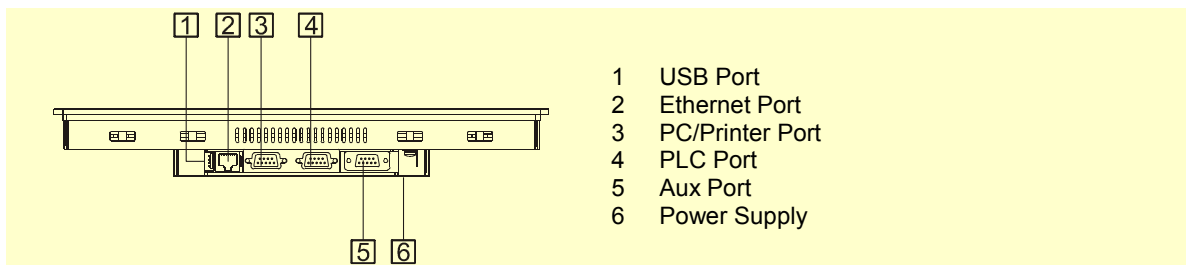
Technical Data

Display Type TFT Resolution 800x600, SVGA Active display area 12.1" diagonal Colors 64K Backlight CCFL Brightness 250 Cd/m ² typ. Dimming Yes		Alarms Event list 1024 Password Yes Hardware Real Time Clock Yes, with battery back-up Screen saver Yes Buzzer Yes, audible feedback for touchscreen
Memory User memory 64 MB internal Flash		Ratings Power supply voltage 24 Vdc (18 to 30 Vdc) Current consumption 1.4 A at 24 Vdc(max.) Fuse Automatic Weight Approx 2.8 Kg Battery Rechargeable Lithium battery, not user-replaceable
Front panel Touchscreen Analog resistive User LED indicators 1 System LED indicators 4		Environmental Conditions Operating temperature 0 to 50 °C Storage temperature -20 to +70 °C Operating and storage humidity 5 – 85 % relative humidity, non-condensing Protection class IP65 (front panel) IP20 (rear)
Interfaces Ethernet port 10/100 Mbit USB port Host interface, version 1.1 PC/Printer port RS-232, RS-485, RS-422, software configurable PLC port RS-232, RS-485, RS-422, software configurable Aux port Yes, fieldbus and controller modules		Dimensions Faceplate LxH 337x267 mm Cutout AxB 326x256 mm Depth D+T 42mm+4mm
Functionality Vector graphics Yes Object dynamics (hide/show) Yes TrueType fonts Yes Dual driver capability Yes Video input No Data acquisition and trends Yes Multilanguage Yes, number of run-time languages limited only by available memory Recipe memory Yes. Flash memory storage limited only by available memory UniNet network Client/Server		Approvals CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments

Dimensions



Connections



Ordering Information

Model	Part Number	Description
eTOP312	ETOP312U101	12.1" TFT color touchscreen with Ethernet and USB interfaces. White front panel.
	ETOP312U201	12.1" TFT color touchscreen with Ethernet and USB interfaces. Grey front panel.
	ETOP312U301	12.1" TFT color touchscreen with Ethernet and USB interfaces. Black front panel.
PROT-15		Disposable protection foil for 12.1" and 13.3" eTOP touch panels (10 pieces).
PROT-21		Disposable protection foil for 12.1" and 13.3" eTOP touch panels (10 pieces). UV resistant.

ptn0319

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