

UniOP eTOP306

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 eTOP306 features a bright 5.7" TFT display with LED backlight and full vector graphic capabilities. Connections include Ethernet and USB. The eTOP306 has been designed for cost-sensitive applications.



- 5.7" TFT color display, LED backlight
- 320x240 pixel (QGA) 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

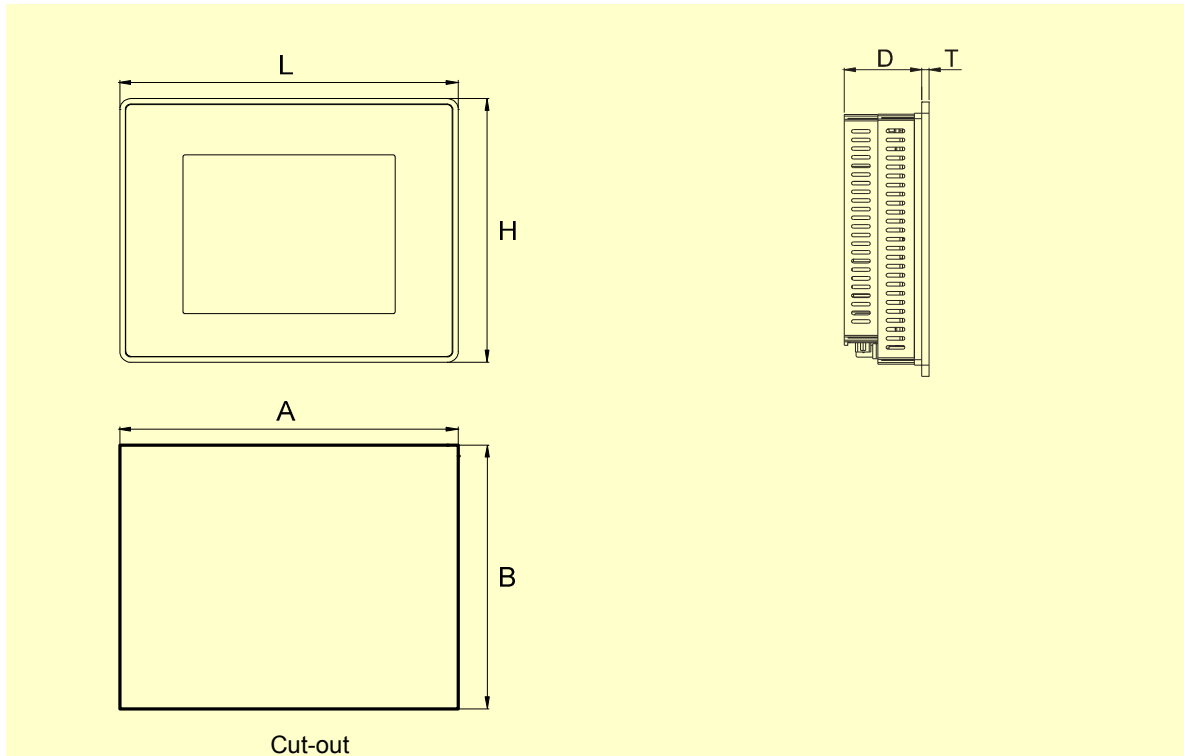
The eTOP Series 300 HMI panels are fully compatible with UniOP Designer 6 software.

- 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.

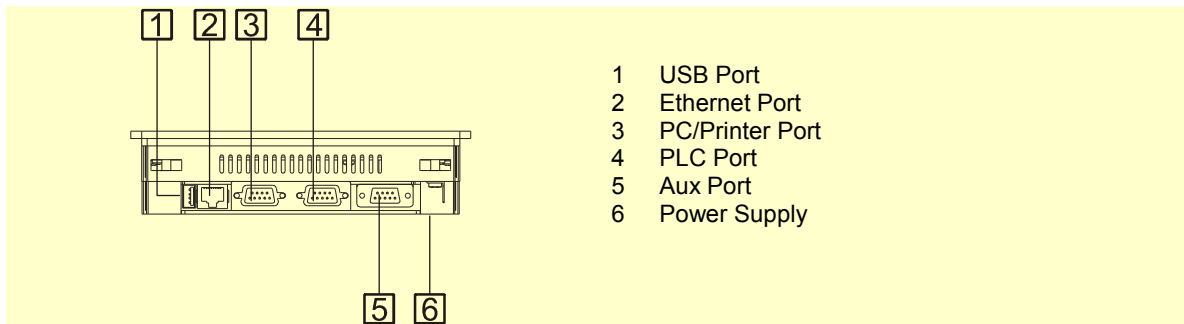
Technical Data

| | | | |
|-----------------------------|--|---------------------------------|---|
| Display | | Hardware Real Time Clock | Yes, with battery back-up |
| Type | TFT | Clock | |
| Resolution | 320x240, QVGA | Screen saver | Yes |
| Active display area | 5.7" diagonal | Buzzer | Yes, audible feedback for touchscreen |
| Colors | 64K | | |
| Backlight | LED | Ratings | |
| Brightness | 130 Cd/m ² typ. | Power supply voltage | 24 V DC (18 to 30 Vdc) |
| Dimming | Yes | Current consumption | 0.55 A at 24Vdc(max.) |
| | | Fuse | Automatic |
| Memory | | Weight | Approx 1.0 Kg |
| User memory | 64 MB internal Flash | Battery | Rechargeable Lithium battery, not user-replaceable |
| | | | |
| Front panel | | Environmental Conditions | |
| Touchscreen | Analog resistive | Operating temperature | 0 to 50 °C |
| User LED indicators | 1 | Storage temperature | -20 to +70 °C |
| System LED indicators | 4 | Operating and storage humidity | 5 – 85 % relative humidity, non-condensing |
| | | Protection class | IP65 (front panel) IP20 (rear) |
| Interfaces | | Dimensions | |
| Ethernet port | 10/100 Mbit | Faceplate LxH | 187x147 mm (7.36x5.79") |
| USB port | Host interface, version 1.1 | Cutout AxB | 176x136 mm (6.93x5.35") |
| PC/Printer port | RS-232, RS-485, RS-422, software configurable | Depth D+T | 45+4 mm (1.77+0.16") |
| PLC port | RS-232, RS-485, RS-422, software configurable | | |
| Aux port | Yes, fieldbus and controller modules | Approvals | |
| | | CE | Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments |
| Functionality | | UL | UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D. |
| 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 | | |
| Alarms | 1024 | | |
| Event list | 1024 | | |
| Password | Yes | | |

Dimensions



Connections



Ordering Information

| | | |
|---------|-------------|---|
| eTOP306 | ETOP306U101 | 5.7" TFT color touchscreen with Ethernet and USB interfaces. White front panel. |
| | ETOP306U201 | 5.7" TFT color touchscreen with Ethernet and USB interfaces. Silver front panel. |
| | ETOP306U301 | 5.7" TFT color touchscreen with Ethernet and USB interfaces. Black front panel. |
| PROT-12 | | Disposable protection foil for 5.7" and 7" eTOP touch panels (10 pieces). |
| PROT-18 | | Disposable protection foil for 5.7" and 7" eTOP touch panels (10 pieces). UV resistant. |

ptn300

Ver. 1.6

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