

ZTOP306

The ZTOP 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 ZTOP306 features a bright 5.7" TFT display with LED backlight and full vector graphic capabilities. Connections include Ethernet and USB. The ZTOP306 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

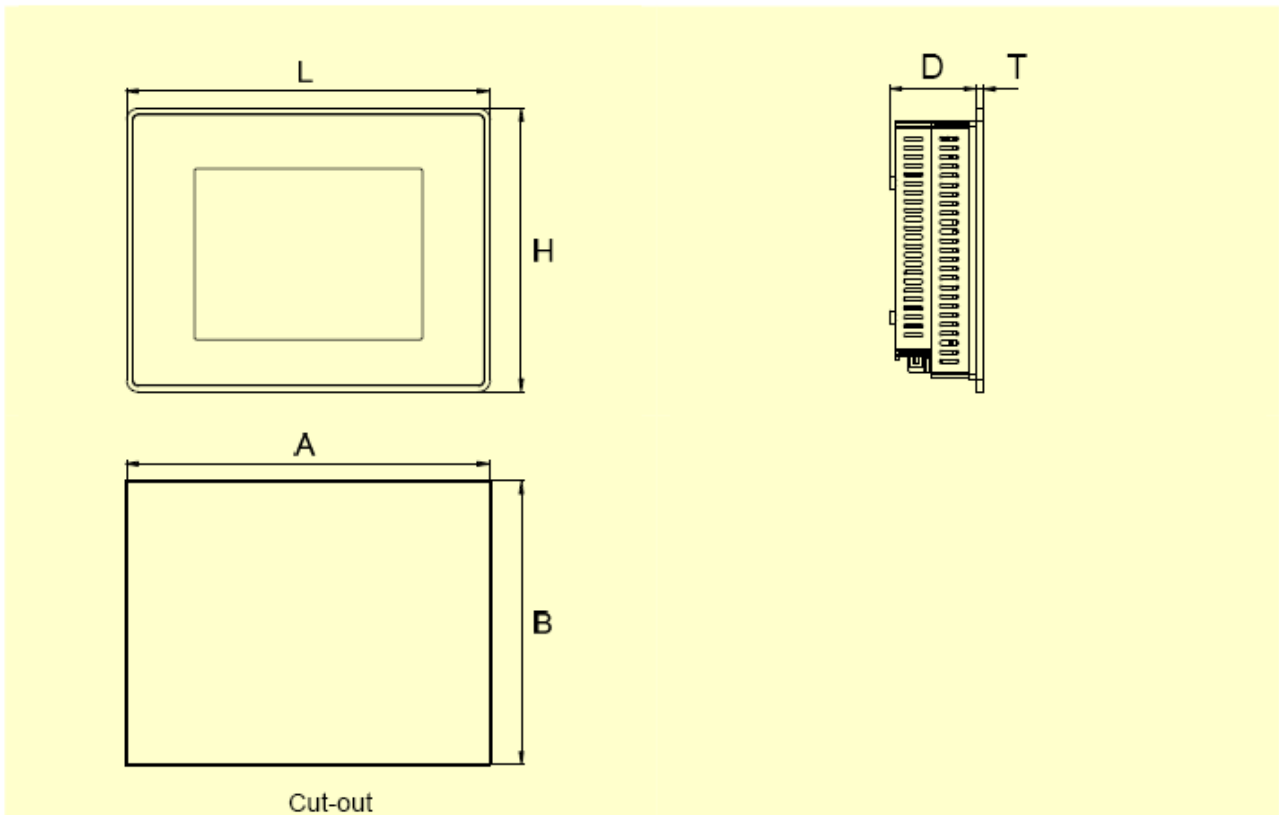
Highlights

- 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.

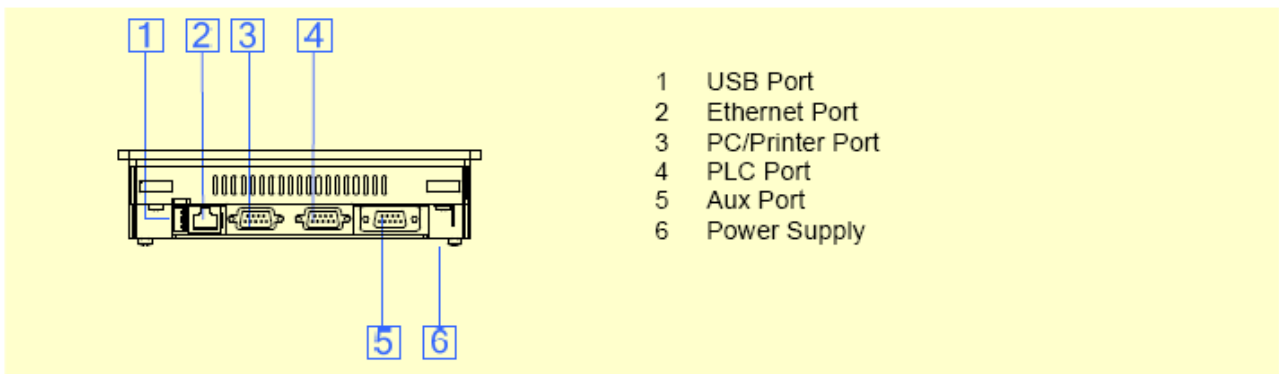
Technical Data

Display		Alarms	
Type	TFT	Event list	1024
Resolution	320x240, QVGA	Password	Yes
Active display area	5.7" diagonal	Hardware Real Time	Yes, with battery back-up
Colors	64K	Clock	
Backlight	LED	Screen saver	Yes
Brightness	130 Cd/m ² typ.	Buzzer	Yes, audible feedback for touchscreen
Dimming	Yes		
Memory		Ratings	
User memory	64 MB internal Flash	Power supply voltage	24 V DC (18 to 30 Vdc)
		Current consumption	0.55 A at 24Vdc(max.)
Front panel		Fuse	Automatic
Touchscreen	Analog resistive	Weight	Approx 1.0 Kg
User LED indicators	1	Battery	Rechargeable Lithium battery, not user-replaceable
System LED indicators	4		
Interfaces		Environmental Conditions	
Ethernet port	10/100 Mbit	Operating temperature	0 to 50 °C
USB port	Host interface, version 1.1	Storage temperature	-20 to +70 °C
PC/Printer port	RS-232, RS-485, RS-422, software configurable	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
PLC port	RS-232, RS-485, RS-422, software configurable	Protection class	IP65 (front panel) IP20 (rear)
Aux port	Yes, fieldbus and controller modules		
Functionality		Dimensions	
Vector graphics	Yes	Faceplate LxH	187x147 mm (7.36x5.79")
Object dynamics (hide/show)	Yes	Cutout AxB	176x136 mm (6.93x5.35")
TrueType fonts	Yes	Depth D+T	45+4 mm (1.77+0.16")
Dual driver capability	Yes		
Video input	No	Approvals	
Data acquisition and trends	Yes	CE	Emission EN 61000-6-4
Multilanguage	Yes, number of run-time languages limited only by available memory		Immunity EN 61000-6-2 for installation in industrial environments
Recipe memory	Yes. Flash memory storage limited only by available memory		
UniNet network	Client/Server		

Dimensions



Connections



Ordering Information

ZTOP306

5.6" TFT color touchscreen with Ethernet and USB interfaces.

PROT-03

Disposable protection foil for 5.7" ZTOP touch panels (10 pieces)