

UniOP eTOP507G

The UniOP eTOP Series 500 HMI products combine state-of-the-art features and top performance with an outstanding design. They are the ideal choice for all demanding HMI applications including factory, energy and marine applications.

The eTOP507G features a high-brightness, contrast-enhanced ruggedized 7" TFT widescreen (16:9) display with a fully dimmable LED backlight. The product has been designed for use in harsh environments and outdoor applications. Glass bonding assembly and anti-reflective (AR) glass surface treatment provide for superior optical performance. The durable glass touchscreen requires the human touch, eliminating false activations, and offers high reliability and durability; it will continue to work even surface is scratched or contaminated.



- High Brightness 7" TFT color display, LED backlight
- 800x480 pixel (WVGA) resolution, 64K colors
- Projected Capacitive Touchscreen (PCT)
- 2 Ethernet ports with switch function
- 2 USB host ports
- SD Card Slot
- Connection to fieldbus systems and I/O using optional plug-in modules
- Slim design. Mounting depth less than 50mm

Highlights

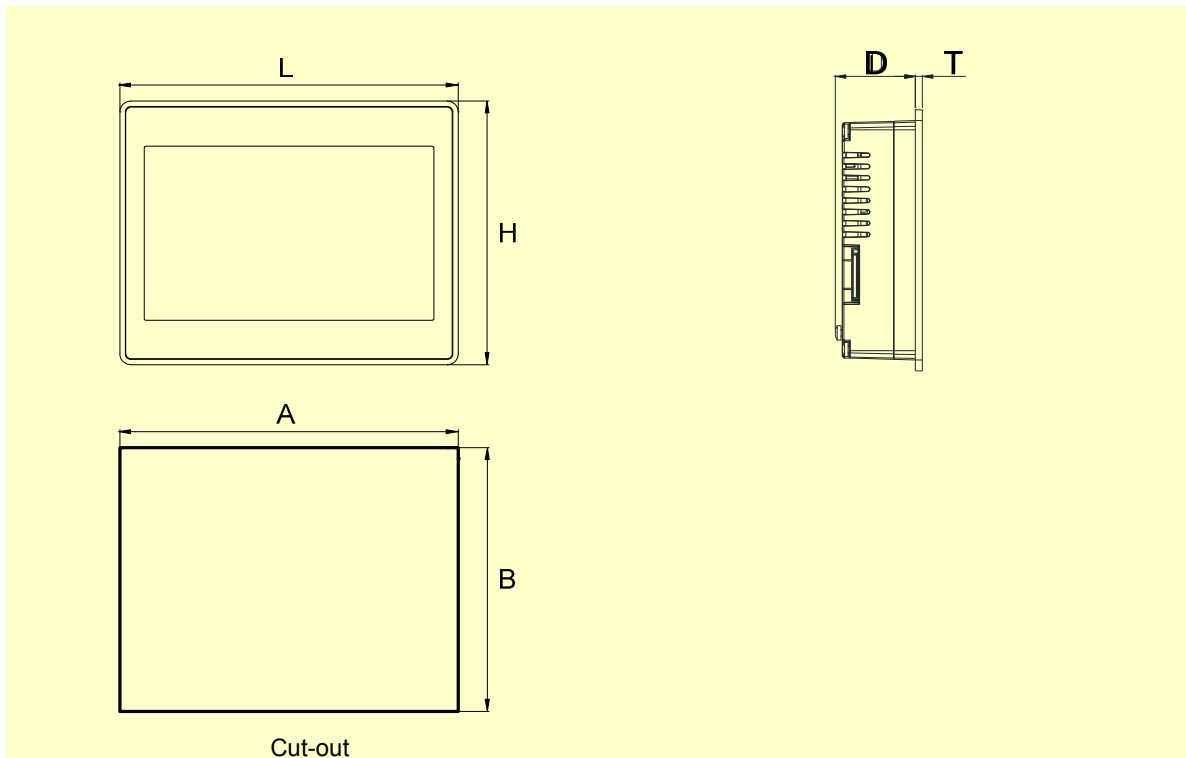
The eTOP Series 500 HMI panels have been designed to run the JMobile software.

- JMobile runtime included. Full compatibility with JMobile Studio.
- Full vector graphic support. Native support of SVG graphic objects. Transparency and alpha blending.
- Full object dynamics: control visibility and transparency, move, resize, rotate any object on screen. Change properties of basic and complex objects.
- TrueType fonts
- Multilanguage applications. Easily create and manage your applications in multiple languages to meet global requirements. Far East languages are supported. Tools available in JMobile Studio support easy third-party translations and help reducing development and maintenance costs of the application
- Data display in numerical, text, bargraph, analog gauges and graphic image formats.
- Rich set of state-of-the-art HMI features: data acquisition, alarm handling, scheduler and timed actions (daily and weekly schedulers, exception dates), recipes, users and passwords, e-mail and RSS feeds, rotating menus
- Includes support for a wide range of communication drivers for Factory and Building Automation systems.
- Multiple drivers communication capability.
- Remote monitoring and control. Client-Server functionality. Mobile clients supported.
- Remote maintenance and support with VNC-based functionality.
- Off-line simulation of the HMI application with JMobile Studio.
- Powerful scripting language for automating HMI applications. Script debugging improves efficiency in application development.
- Rich gallery of symbols and objects
- Project templates
- Optional plug-in modules for fieldbus systems, networks I/O and controllers.
- Display backlight dimmable to 0%

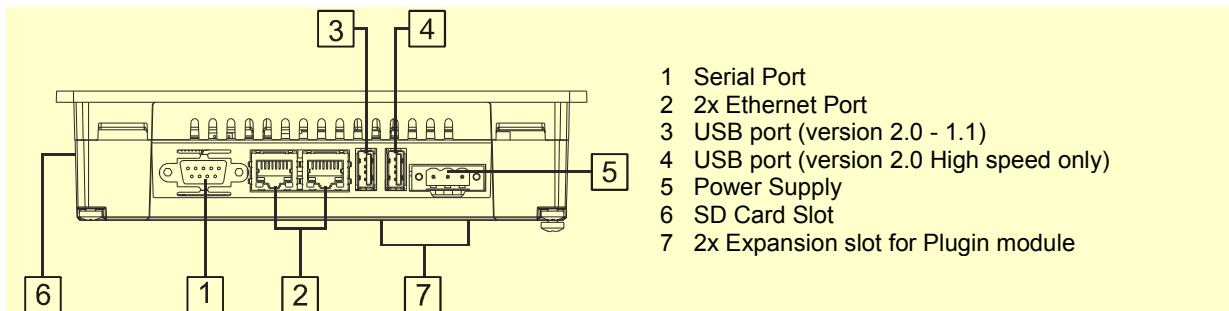
Technical Data

Display		Ratings	
Type	TFT	Power supply voltage	24 Vdc (18 to 30 Vdc)
Resolution	800x480, WVGA	Current consumption	0.8A at 24Vdc(max.)
Active display area	7" diagonal	Fuse	Automatic
Colors	64K	Weight	Approx 1.0 Kg
Backlight	White LED	Battery	Rechargeable Lithium battery, not user-replaceable
Brightness	400 Cd/m ² typ.		
Dimming	Yes		
System Resources		Environmental Conditions	
Operating System	Microsoft Windows CE 6.0	Operating temperature	-20 to +60 °C (vertical installation mounting)
User memory	128 MB Flash	Storage temperature	-40 to +85 °C
RAM	256MB DDR	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
Operator Interface		Protection class	IP69K (front panel) IP20 (rear)
Touchscreen	True Glass Projective Capacitive	Dimensions	
Interfaces		Faceplate LxH	187x147 mm (7.36x5.79")
Ethernet port	2 10/100 Mbit with integrated Switch	Cutout AxB	176x136 mm (6.93x5.35")
USB port	2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1)	Depth D+T	47+8 mm (1.85+0.31")
Serial Port 1	RS-232, RS-485, RS-422, software configurable	Approvals	
Expansion Slot	2 Optional plug-in	CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Memory Card	SD Card Slot	DNV	DNV Type Approval Certificate
Functionality		ATEX	Zone 2/22, II 3G / II 3D
Vector graphics	Yes, includes SVG support	UL	UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D.
Object dynamics	Yes. Visibility, position, size, rotation for most object types.	C-Tick	C-Tick mark
TrueType fonts	Yes	GL	Germanischer Lloyd Type Approval Certificate
Multiple driver communication	Yes		
Data acquisition and trend presentation	Yes. Flash memory storage limited only by available memory		
Multilanguage	Yes, with runtime language switching.		
Recipes	Yes. Flash memory storage limited only by available memory		
Alarms	Yes		
Historical event list	Yes		
Users and passwords	Yes		
Hardware Real Time Clock	Yes, with battery back-up		
Screen saver	Yes		
Buzzer	Yes, audible feedback for touchscreen		

Dimensions



Connections



Ordering Information

Model	Part Number	Description
eTOP507G	+ETOP507U5P1	7" widescreen TFT color projected capacitive touchscreen with Ethernet and USB interfaces. JMobile run-time.

ptn0348

Ver. 1.5

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