

UniOP eTOP515G

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 eTOP515G features a high-brightness, contrast-enhanced ruggedized 15" TFT display. 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 15" TFT color display
- Display backlight dimmable to 0%
- 1024x768 pixel (XGA) resolution, 64K colors
- Projected Capacitive Touchscreen (PCT)
- 2 Ethernet ports with switch function
- 2 USB host ports
- SD Card Slot
- Connection to bus systems using optional plug-in modules
- Front protection class IP69K

Highlights

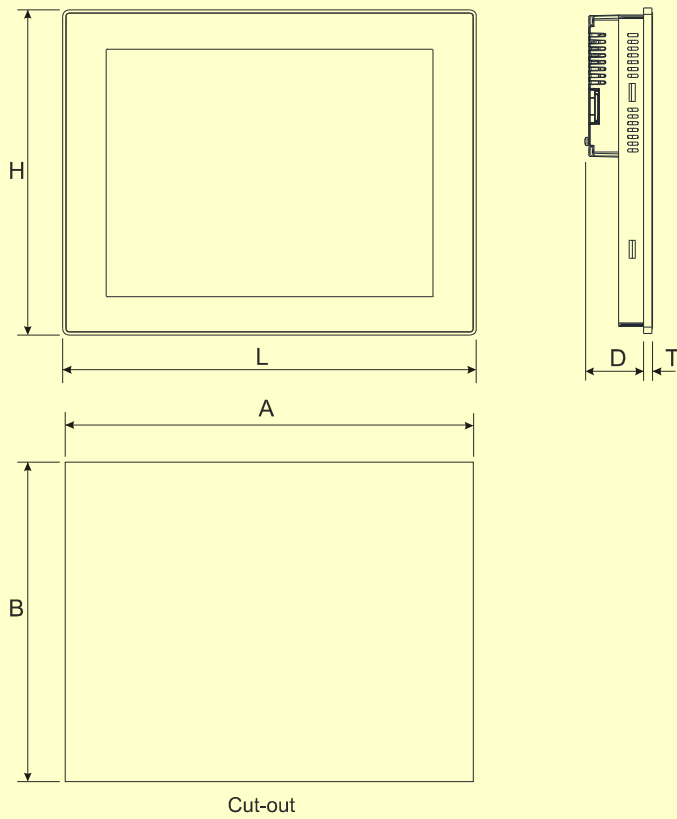
The eTOP Series 500 HMI panels have been designed to run the JMobile HMI software.

- 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.
- Simulation 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
- Mediaplayer widget
- IP camera widget
- Optional CoDeSys SoftPLC
- Optional plug-in modules for fieldbus systems, networks I/O and controllers.

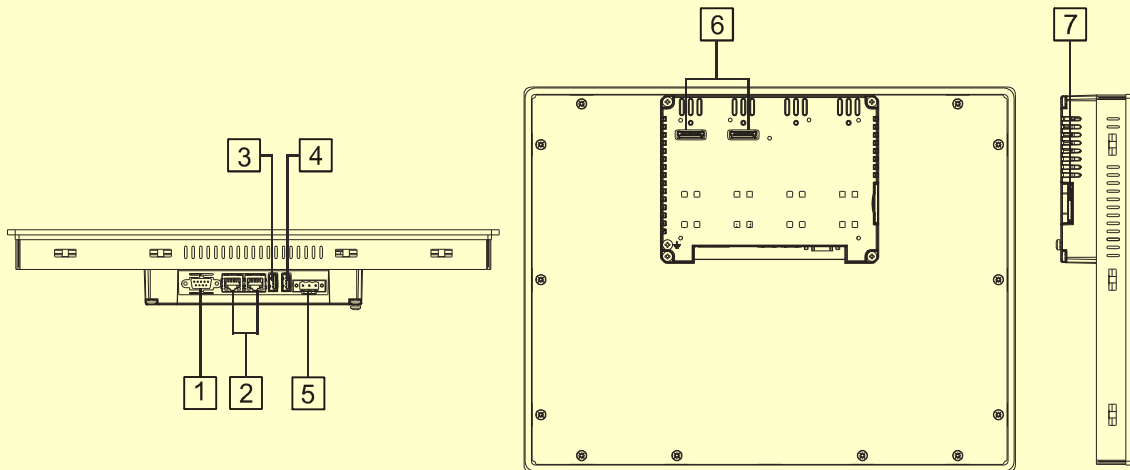
Technical Data

Display		Buzzer	Yes, audible feedback for touchscreen
Type	TFT	Ratings	
Resolution	1024x768, XGA	Power supply voltage	24 Vdc (10 to 32 Vdc)
Active display area	15" diagonal	Current consumption	1.4A at 24Vdc(max.)
Colors	64K	Fuse	Automatic
Backlight	LED	Weight	Approx 4.0 Kg
Brightness	1500 Cd/m ² typ.	Battery	Rechargeable Lithium battery, not user-replaceable
Dimming	Yes		
System Resources		Environmental Conditions	
Operating System	Microsoft Windows CE 6.0	Operating temperature	-20 to +60 °C (vertical installation)
CPU	ARM Cortex-A8 – 1Ghz	Storage temperature	-40 to +85 °C
User memory	256MB Flash	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
RAM	256MB DDR	Protection class	IP69K (front panel) IP20 (rear)
Operator Interface		Dimensions	
Touchscreen	Projected Capacitive	Faceplate LxH	392x307 mm (15.43x12.08")
Interfaces		Cutout AxB	381x296 mm (15x11.65")
Ethernet port	2 10/100 Mbit with integrated Switch	Depth D+T	56+8.5 mm (2.20+0.33")
USB port	2 Host interface v.2.0	Approvals	
Serial Port 1	RS-232, RS-485, RS-422, software configurable	CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Expansion Slot	2 Optional Plugin	DNV	DNV Type Approval Certificate
Memory Card	SD Card Slot	UL	UL508 Listed (pending approval)
Functionality		ATEX	Zone 2/22, II 3G / II 3D
Vector graphics	Yes, includes SVG support		
Object dynamics	Yes. Visibility, position, size, rotation for most object types.		
TrueType fonts	Yes		
Multiple driver communication	Yes		
Data acquisition and trend presentation	Yes. Flash memory storage.		
Multilanguage	Yes, with runtime language switching.		
Recipes	Yes. Flash memory storage.		
Alarms	Yes		
Historical event list	Yes		
Users and passwords	Yes		
Hardware Real Time Clock	Yes, with battery back-up		
Screen saver	Yes		

Dimensions



Connections



- 1 Serial Port-
- 2 2x Ethernet Port
- 3 2x USB Port
- 4 Power Supply
- 5 2x Expansion slots for Plugin modules
- 6 2x Plug-in slots
- 7 SD Card Slot for removable card

Ordering Information

Model	Part Number	Description
eTOP515G	ETOP515U5P1	15" widescreen TFT color projected capacitive touchscreen with Ethernet and USB interfaces. JMobile runtime.

ptn0414

Ver. 1.3

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