

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

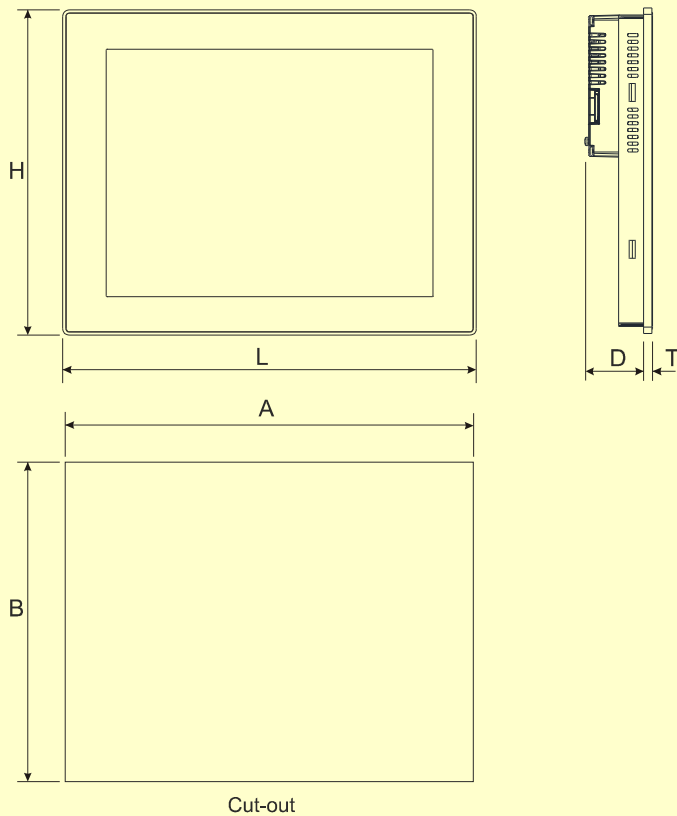
The eTOP Series 500 HMI panels have been designed to run the JMobile HMI software.

- 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.

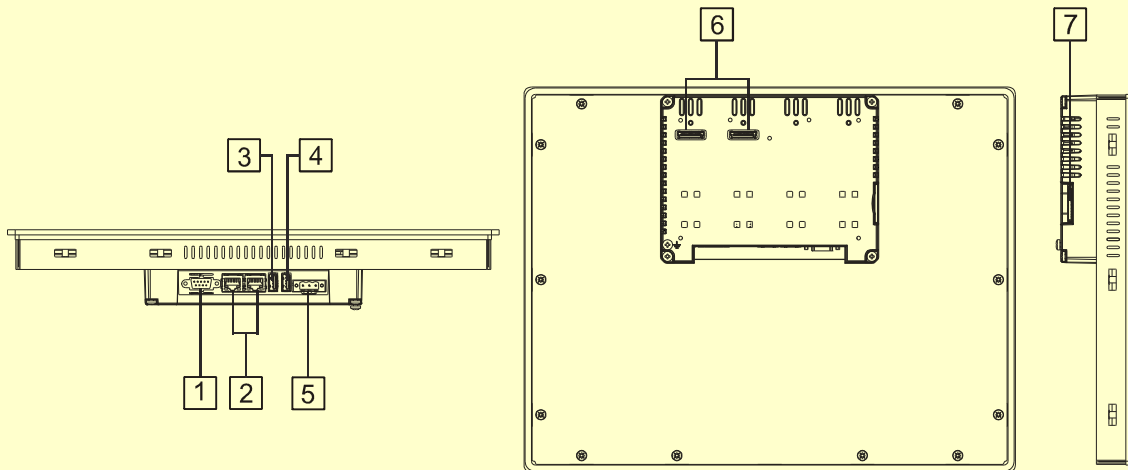
Technical Data

Display Type Resolution Active display area Colors Backlight Brightness Dimming	TFT 1024x768, XGA 15" diagonal 64K LED 1500 Cd/m ² typ. Yes	Buzzer Ratings Power supply voltage Current consumption Fuse Weight Battery	Yes, audible feedback for touchscreen 24 Vdc (9 to 30 Vdc) 1.4A at 24Vdc(max.) Automatic Approx 4.0 Kg Rechargeable Lithium battery, not user-replaceable
System Resources Operating System CPU User memory RAM	Microsoft Windows CE 6.0 ARM Cortex-A8 – 1Ghz 256MB Flash 256MB DDR	Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class	-20 to +60 °C (vertical installation) -40 to +85 °C 5 – 85 % relative humidity, non-condensing IP69K (front panel) IP20 (rear)
Operator Interface Touchscreen	Projected Capacitive	Dimensions Faceplate LxH Cutout AxB Depth D+T	392x307 mm (15.43x12.08") 381x296 mm (15x11.65") 56+8.5 mm (2.20+0.33")
Interfaces Ethernet port USB port Serial Port 1 Expansion Slot Memory Card	2 10/100 Mbit with integrated Switch 2 Host interface v.2.0 RS-232, RS-485, RS-422, software configurable 2 Optional Plugin SD Card Slot	Approvals CE DNV UL ATEX	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments DNV Type Approval Certificate UL508 Listed (pending approval) Zone 2/22, II 3G / II 3D
Functionality Vector graphics Object dynamics TrueType fonts Multiple driver communication Data acquisition and trend presentation Multilanguage Recipes Alarms Historical event list Users and passwords Hardware Real Time Clock Screen saver	Yes, includes SVG support Yes. Visibility, position, size, rotation for most object types. Yes Yes Yes. Flash memory storage. Yes, with runtime language switching. Yes. Flash memory storage. Yes Yes Yes Yes, with battery back-up 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. 1.2

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