

UniOP eTOP515

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 and building automation.

The eTOP515 features a bright 15" TFT display with a fully dimmable LED backlight.

The JMobile software offers full vector graphic capabilities and plenty of connectivity options.



- 15" XGA TFT color display, LED backlight
- 1024x768 pixel resolution, 64K colors
- Resistive touchscreen
- 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

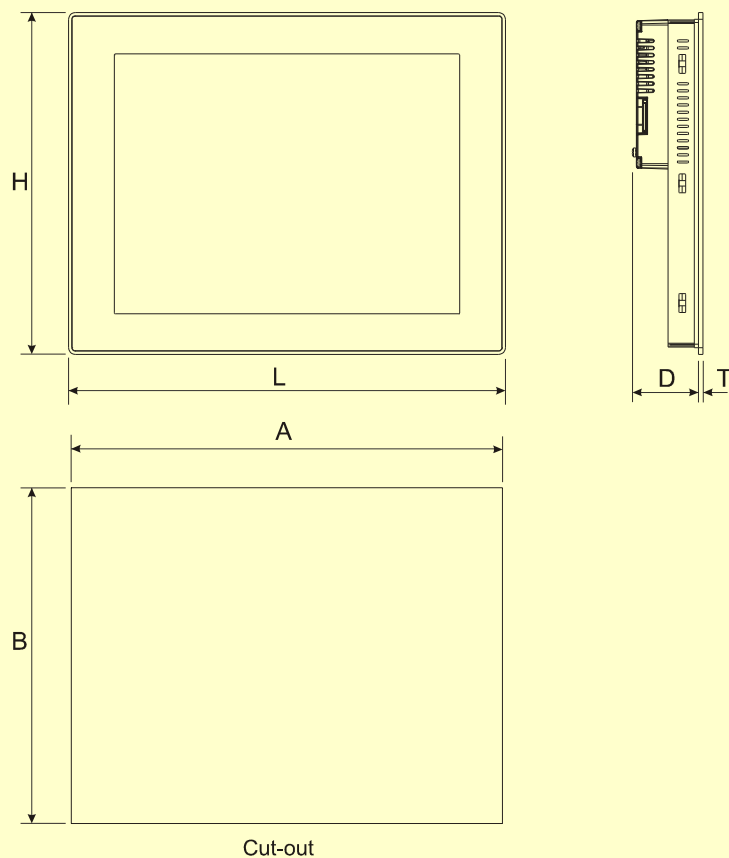
Highlights

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

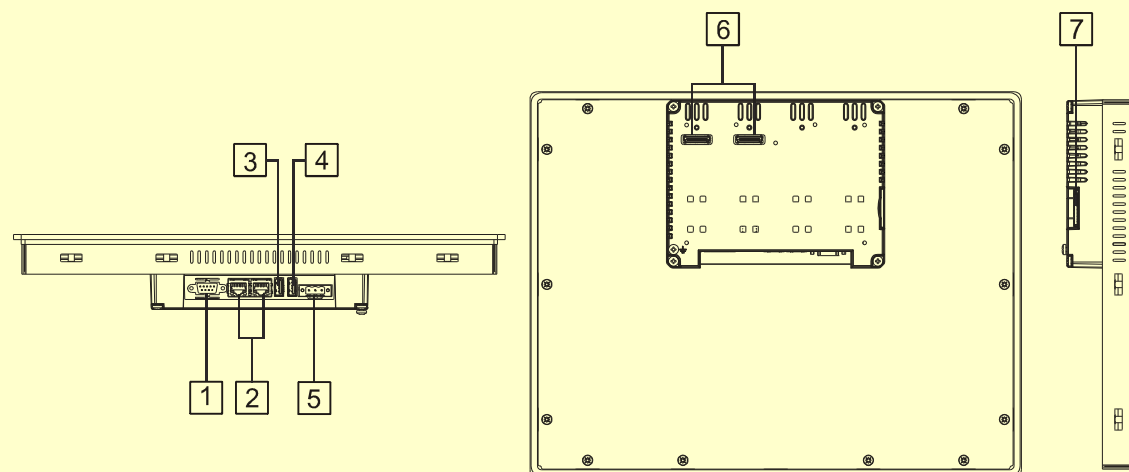
- JMobile runtime included. Full compatibility with JMobile Studio.
- Full vector graphic support. Native support of SVG graphic objects. Transparency and alpha blending.
- Full object dynamics: control visibility and transparency, move, resize, rotate any object on screen. Change properties of basic 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, I/O and controllers.
- Display backlight dimmable to 0%

Display Type Resolution Active display area Colors Backlight Brightness Dimming	TFT 1024x768, XGA 15" 64K LED 300 Cd/m ² typ. Yes
System Resources Operating System User memory RAM	Microsoft Windows CE 6.0 256 MB Flash 256MB DDR
Operator Interface Touchscreen LED indicators	Analog resistive 1 (dual color)
Interface Ethernet USB Serial Expansion Slot Memory Card	2 10/100 Mbit with integrated Switch 2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1) RS-232, RS-485, RS-422, software configurable 2 Optional plug-in SD Card Slot
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	Yes, includes SVG support Yes. Visibility, opacity, position, size, rotation for most object types. Yes Yes, max 2 drivers Yes. Flash memory storage limited only by available memory Yes, with runtime language switching. Yes. Flash memory storage limited only by available memory Yes Yes Yes Yes, with battery back-up
Screen saver Buzzer	Yes Yes, audible feedback for touchscreen
Ratings Power supply voltage Current consumption Fuse Weight Battery	24 Vdc (18 to 30 Vdc) 1.25A at 24Vdc(max.) Automatic Approx 3.5 Kg Rechargeable Lithium battery, not user-replaceable
Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class	0 to 50 °C (vertical installation) -20 to +70 °C 5 – 85 % relative humidity, non-condensing IP66 (front) IP20 (rear)
Dimensions Faceplate LxH Cutout AxB Depth D+T	392x307 mm (15.43x12.08") 381x296 mm (15x11.65") 60+4 mm (2.36+0.16")
Approvals CE DNV UL C-Tick	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments DNV Type Approval Certificate UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D. C-Tick mark

Dimensions



Connections



- 1 Serial Port
- 2 2x Ethernet Port
- 3 USB port (version 2.0 - 1.1)
- 4 USB port (version 2.0 High speed only)
- 5 Power Supply
- 6 2x Expansion slot for Plugin module
- 7 SD Card Slot

Ordering Information

Model	Part Number	Description
eTOP515-White	+ETOP515U1P1	15" TFT color touchscreen with Ethernet and USB interfaces. White front panel. JMobile run-time.
eTOP515-Grey	+ETOP515U2P1	15" TFT color touchscreen with Ethernet and USB interfaces. Grey front panel. JMobile run-time.
eTOP515-Black	+ETOP515U3P1	15" TFT color touchscreen with Ethernet and USB interfaces. Black front panel. JMobile run-time.
PROTFOIL-15-GL	R-PROT16	Disposable protection foil for 15" widescreen eTOP touch panels (10 pieces).
PROTFOIL-15-UV	R-PROT22	Disposable protection foil for 15" widescreen eTOP touch panels (10 pieces). UV resistant.

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