

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

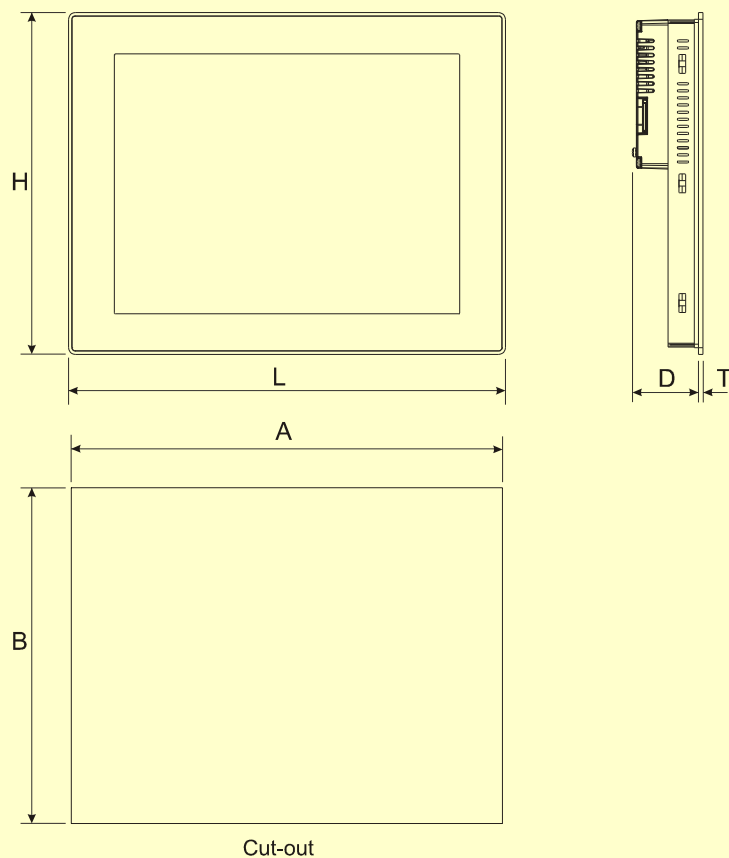
The eTOP Series 500 HMI panels have been designed to run the JMobile software.

- 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%

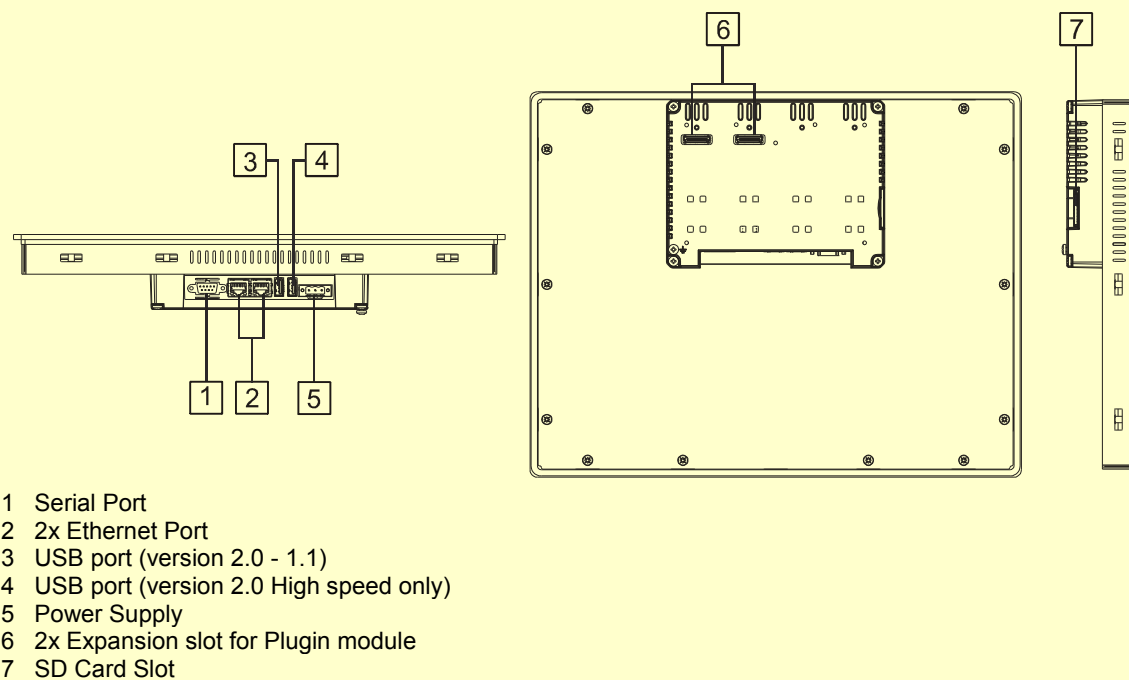
Technical Data

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

Dimensions



Connections



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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