

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

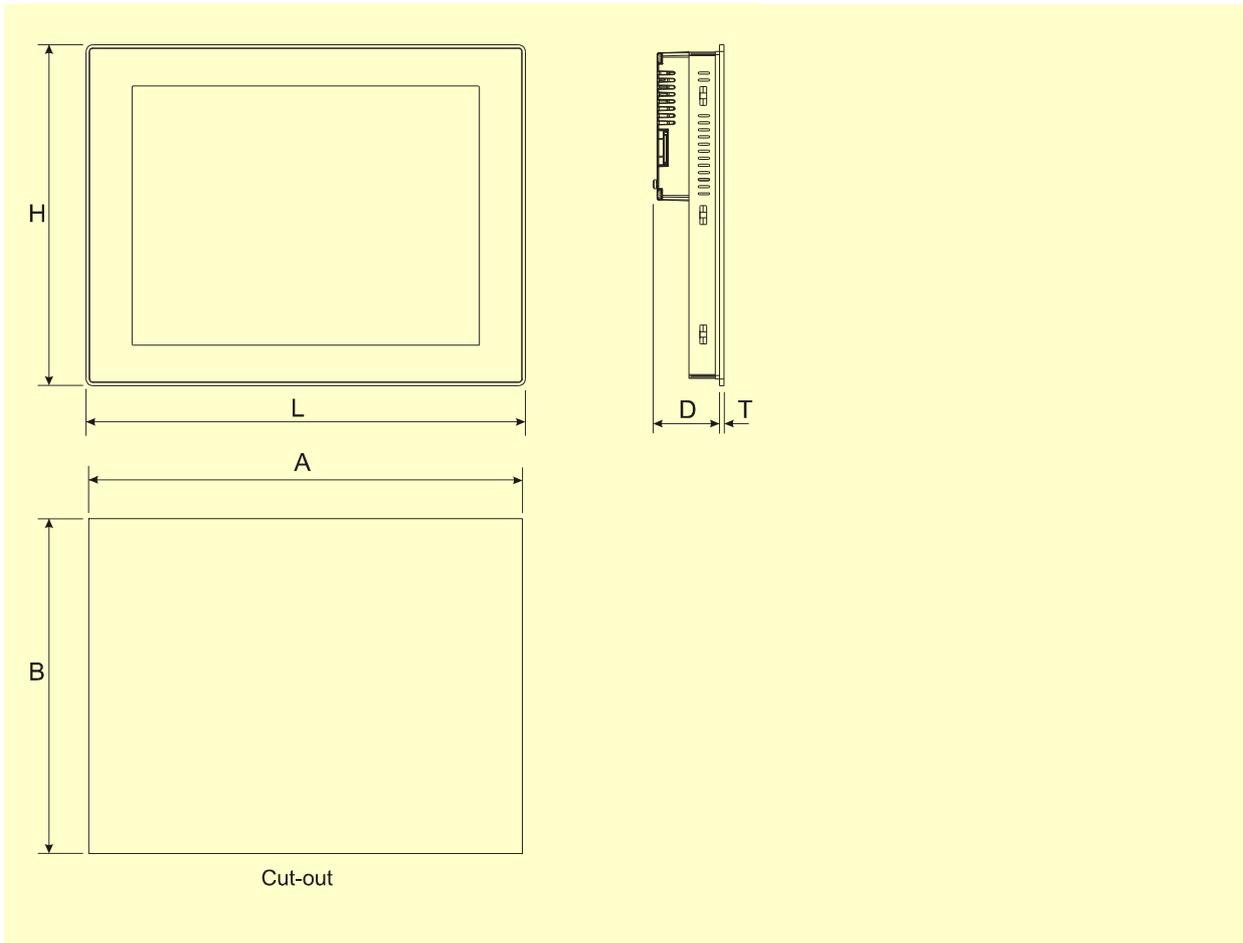
The eTOP Series 500 HMI panels have been designed to run the JMobile software.

- 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%

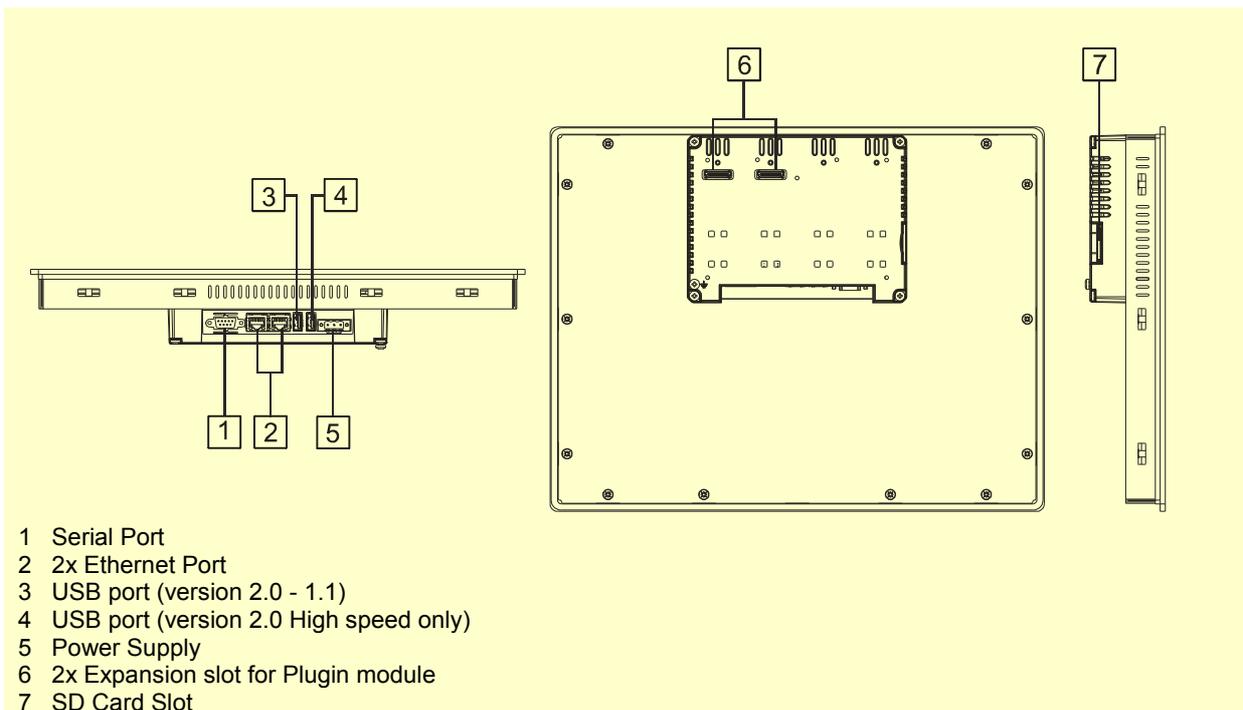
Technical Data

| | | | |
|---|---|---------------------------------|---|
| Display | | Screen saver | Yes |
| Type | TFT | Buzzer | Yes, audible feedback for touchscreen |
| Resolution | 1024x768, XGA | | |
| Active display area | 15" | Ratings | |
| Colors | 64K | Power supply voltage | 24 Vdc (10 to 32 Vdc) |
| Backlight | LED | Current consumption | 1.25A at 24Vdc(max.) |
| Brightness | 300 Cd/m ² typ. | Fuse | Automatic |
| Dimming | Yes | Weight | Approx 3.5 Kg |
| | | Battery | Rechargeable Lithium battery, not user-replaceable |
| System Resources | | Environmental Conditions | |
| Operating System | Microsoft Windows CE 6.0 | Operating temperature | 0 to 50 °C (vertical installation) |
| User memory | 256 MB Flash | Storage temperature | -20 to +70 °C |
| RAM | 256MB DDR | Operating and storage humidity | 5 – 85 % relative humidity, non-condensing |
| | | Protection class | IP66 (front) IP20 (rear) |
| Operator Interface | | Dimensions | |
| Touchscreen | Analog resistive | Faceplate LxH | 392x307 mm (15.43x12.08") |
| LED indicators | 1 (dual color) | Cutout AxB | 381x296 mm (15x11.65") |
| | | Depth D+T | 60+4 mm (2.36+0.16") |
| Interface | | Approvals | |
| Ethernet | 2 10/100 Mbit with integrated Switch | CE | Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments |
| USB | 2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1) | DNV | DNV Type Approval Certificate |
| Serial | RS-232, RS-485, RS-422, software configurable | UL | UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D. |
| Expansion Slot | 2 Optional plug-in | C-Tick | C-Tick mark |
| Memory Card | SD Card Slot | | |
| Functionality | | | |
| Vector graphics | Yes, includes SVG support | | |
| Object dynamics | Yes. Visibility, opacity, position, size, rotation for most object types. | | |
| TrueType fonts | Yes | | |
| Multiple driver communication | Yes, max 2 drivers | | |
| 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 | | |

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-Silver | +ETOP515U2P1 | 15" TFT color touchscreen with Ethernet and USB interfaces. Silver 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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