



Main Features

- 10.4" TFT color display, LED backlight
- 800 x 600 pixel (SVGA) 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

Product Overview

As a partner of well-known EXOR International S.p.A., NEXCOM integrates EXOR's HMI solution into eTOP HMI series. The 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 eTOP510 features a bright 10.4" TFT display with a fully dimmable LED backlight. The JMobile software offers full vector graphic capabilities and plenty of connectivity options.

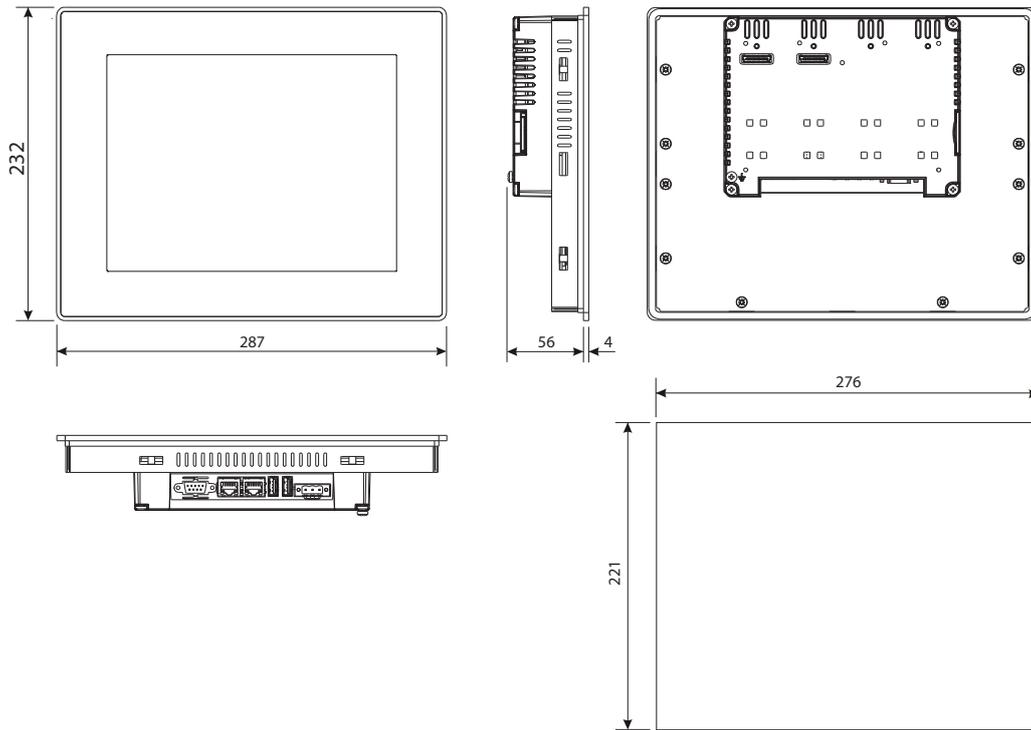
JMobile runtime included. Full compatibility with JMobile Studio.

- 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.
- 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%.

Specifications

| Technical Data | eTOP510 | Technical Data | eTOP510 |
|----------------|--|--------------------|---|
| Panel | <ul style="list-style-type: none"> - 10.4", 4:3, SVGA, 800 x 600 - Luminance: 300 cd/m² typ. - LCD Color: 64K - Active display area: 10.4" diagonal - Backlight: LED | Operator Interface | <ul style="list-style-type: none"> - Touch: Resistive - LED indicators: 1 (dual color) |
| | | System Resources | <ul style="list-style-type: none"> - Operating system: Microsoft Windows CE 6.0 - User memory: 256 MB flash - RAM: 256MB DDR |

Dimension Drawing



| Technical Data | eTOP510 | Technical Data | eTOP510 |
|----------------|---|--------------------------|--|
| Interface | <ul style="list-style-type: none"> - Ethernet: 2 x 10/100Mbit with integrated switch - USB: 2 x host interface (1 version 2.0, 1 version 2.0 and 1.1) - Serial: 1 x RS232/422/485 software configuration - Expansion slot: 2 x optional plug-in - Memory card: 1 x SD card slot | Ratings | <ul style="list-style-type: none"> - Power supply voltage: 24Vdc (10 to 32 Vdc) - Current consumption: 0.95A at 24Vdc (max.) - Fuse: Automatic - Weight: Approx. 1Kg - Battery: Rechargeable Lithium battery, not user-replaceable |
| Functionality | <ul style="list-style-type: none"> - Historical event list: Yes - Users and passwords: Yes - Hardware real-time clock: Yes, with battery back-up - Screen saver: Yes - Buzzer: Yes, audible feedback for touch screen - Vector graphic: Yes, includes SVG support - Object dynamics: Yes, visibility, opacity, position, size, rotation for most object types - 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 | Environmental Conditions | <ul style="list-style-type: none"> - Operating temperature: 0°C to 50°C (vertical installation) - Storage temperature: -20°C to 70°C - Operating and storage humidity: 5%~85%, relative humidity, non-condensing - Protection class: IP66 (front), IP20 (rear) |
| | | Dimensions | <ul style="list-style-type: none"> - Faceplate LxH: 287 x 232 mm - Cutout AxB: 276 x 221 mm - Depth D+T: 56 + 4 mm |
| | | Certifications | <ul style="list-style-type: none"> - CE (Emission EN61000-6-4; Immunity EN61000-6-2 for installation in industrial environments) - DNV Type Approval Certificate - cULus (UL508 Listed Haz. Loc. Class I, Division 2, Group A,B,C, and D) - C-Tick |

Ordering Information

- **eTOP510 (P/N: 79IE051001X00) +ETOP510U3P1**
10"4 TFT color touchscreen with Ethernet and USB interfaces. JMobile run-time.

* Note: This product is only for Taiwan, China, Thailand, Vietnam, Philippines, Korea, UAE and Saudi Arabia.