

## Main Features

- 4.3" TFT color display, LED backlight
- 480 x 272 pixel resolution, 64K colors
- Resistive touchscreen
- 2 Ethernet ports with switch function
- USB host ports
- SD card slot
- Multistandard serial port
- Connection to fieldbus systems and I/O using optional plug-in modules

## 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 eTOP504 features a bright 4.3" TFT widescreen display with a fully dimmable LED backlight. The JMobile software offers full vector graphic capabilities and plenty of connectivity options.

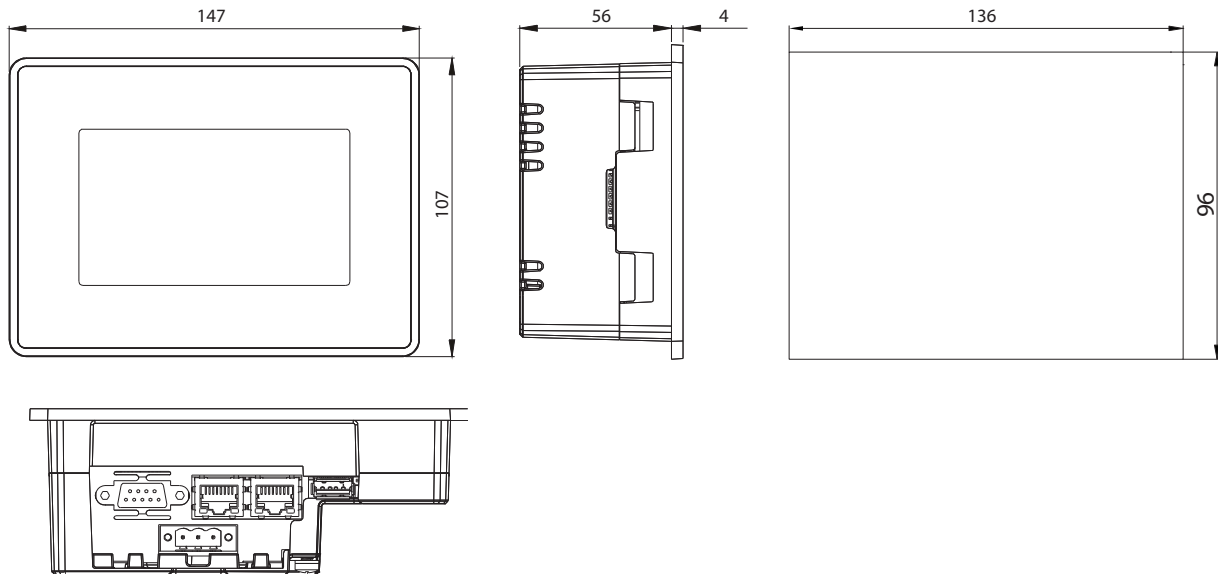
JMobile runtime included. Full compatibility with JMobile Studio.

- Full vector graphic support. Native support of SVG graphic objects. Transparency and alpha blending.
- 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	eTOP504	Technical Data	eTOP504
Panel	<ul style="list-style-type: none"> <li>- 4.3", 16:9, WQVGA, 480 x 272</li> <li>- Luminance: 150 cd/m<sup>2</sup> typ.</li> <li>- LCD color: 64K</li> <li>- Active display area: 4.3" diagonal (95.4 x 53.9mm)</li> <li>- Backlight: LED</li> </ul>	Operator Interface	<ul style="list-style-type: none"> <li>- Touch: Resistive</li> <li>- LED indicators: 1 (dual color)</li> </ul>
		System Resources	<ul style="list-style-type: none"> <li>- Operating system: Microsoft Windows CE 6.0</li> <li>- User memory: 128 MB flash</li> <li>- RAM: 256MB DDR</li> </ul>

## Dimension Drawing



Technical Data	eTOP504	Technical Data	eTOP504
Interface	<ul style="list-style-type: none"> <li>- Ethernet: 2 x 10/100Mbit with integrated switch</li> <li>- USB: 1 x host interface</li> <li>- Serial: 1 x RS232/422/485 software configuration</li> <li>- Expansion slot: 1 x optional plug-in</li> <li>- Memory card: 1 x SD card slot</li> </ul>	Ratings	<ul style="list-style-type: none"> <li>- Power supply voltage: 24Vdc (10 to 32 Vdc)</li> <li>- Current consumption: 0.55A at 24Vdc (max.)</li> <li>- Fuse: Automatic</li> <li>- Weight: Approx. 1Kg</li> <li>- Battery: Rechargeable Lithium battery, not user-replaceable</li> </ul>
Functionality	<ul style="list-style-type: none"> <li>- Historical event list: Yes</li> <li>- Users and passwords: Yes</li> <li>- Hardware real-time clock: Yes, with battery back-up</li> <li>- Screen saver: Yes</li> <li>- Buzzer: Yes, audible feedback for touch screen</li> <li>- Vector graphic: Yes, includes SVG support</li> <li>- Object dynamics: Yes, visibility, opacity, position, size, rotation for most object types</li> <li>- Multiple driver communication: Yes</li> <li>- Data acquisition and trend presentation: Yes, flash memory storage limited only by available memory</li> <li>- Multilanguage: Yes, with runtime language switching</li> <li>- Recipes: Yes, flash memory storage limited only by available memory</li> <li>- Alarms: Yes</li> </ul>	Environmental Conditions	<ul style="list-style-type: none"> <li>- Operating temperature: 0°C to 50°C (vertical installation)</li> <li>- Storage temperature: -20°C to 70°C</li> <li>- Operating and storage humidity: 5%~85%, relative humidity, non-condensing</li> <li>- Protection class: IP66 (front), IP20 (rear)</li> </ul>
		Dimensions	<ul style="list-style-type: none"> <li>- Faceplate LxH: 147 x 107 mm</li> <li>- Cutout AxH: 136 x 96 mm</li> <li>- Depth D+T: 56 + 4 mm</li> </ul>
		Certifications	<ul style="list-style-type: none"> <li>- CE (Emission EN61000-6-4; Immunity EN61000-6-2 for installation in industrial environments)</li> <li>- DNV Type Approval Certificate</li> <li>- cULus (UL508 Listed Haz. Loc. Class I, Division 2, Group A,B,C, and D)</li> <li>- C-Tick</li> </ul>

## Ordering Information

- **eTOP504 (P/N: 79IE050401X00) +ETOP504U3P1**  
4.3" widescreen 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.