



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

Panel

- LED Size: 4:3"
- Resolution: WQVGA 480 x 272
- Luminance: 150cd/m²
- LCD color: 64K
- Active display area: 4.3" diagonal (95.4x53.9mm)
- Backlight: LED

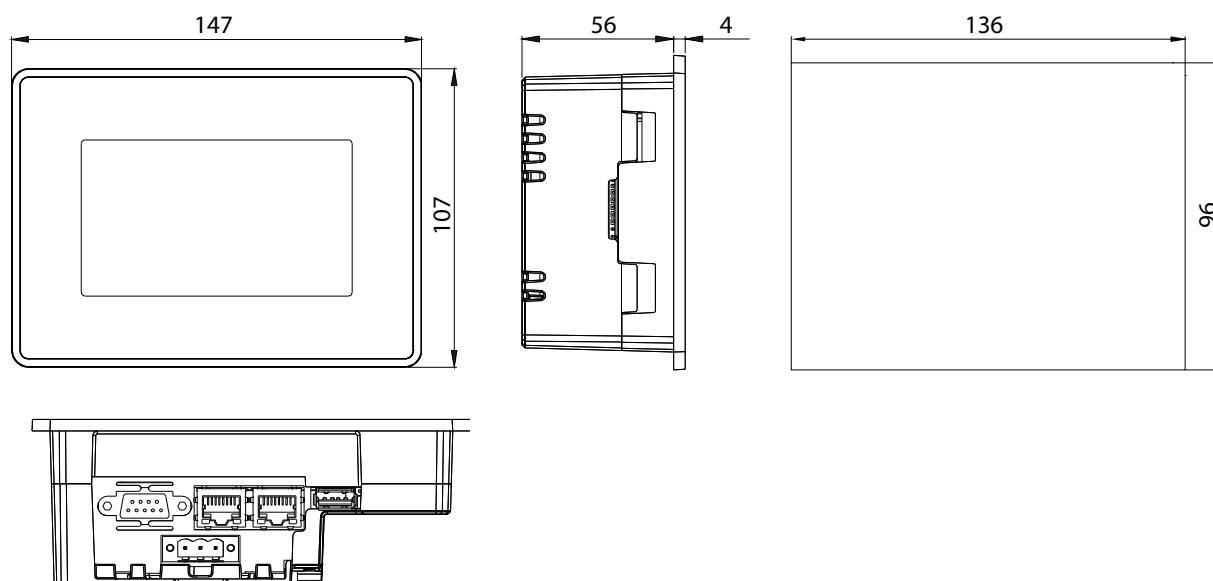
System Resources

- Operating System: Microsoft Windows CE6.0
- User Memory: 128MB Flash
- RAM: 256MB DDR

Operator Interface

- Touchscreen: Analog resistive
- LED indicators: 1 (dual color)

Dimension Drawing



Interface

- Ethernet: 2 10/100Mbit with integrated Switch
- USB: 1 Host Interface
- Serial: RS232/422/485 software configuration
- Expansion Slot: 1 Optional plug-in
- Memory Card: SD Card Slot

Functionality

- Vector Graphic: Yes, includes SVG support
- Object dynamics: Yes, Visibility, opacity, position, size, rotation for most object types
- TrueType Font: Yes
- Multiple driver communication: Yes
- 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
- Screen saver: Yes
- Buzzer: Yes, audible feedback for touch screen

Ratings

- Power supply voltage: 24Vdc (10 to 32 Vdc)
- Current consumption: 0.55A at 24Vdc (max.)
- Fuse: Automatic
- Weight: Approx. 1Kg
- Battery: Rechargeable Lithium battery, not user- replaceable

Environmental Conditions

- 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

- Faceplate LxH: 147 x 107mm
- Cutout AxH: 136 x 96mm
- Depth D+T: 56 + 4mm

Certifications

- 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

- **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