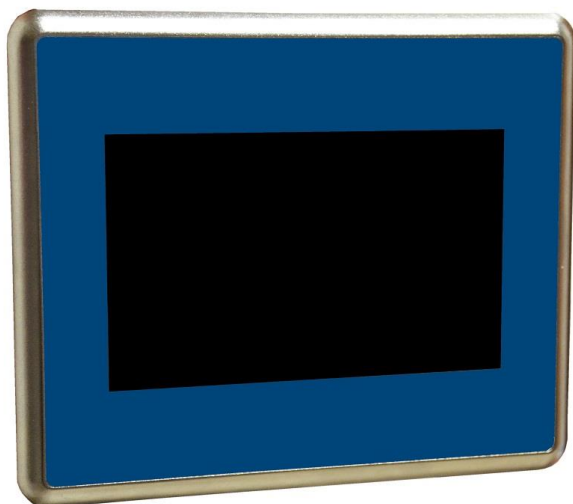


eTOP507MFB

The eTOP507MFB is an HMI product specifically designed for applications in food and beverage industry. Product design conforms to the guidelines in DIN EN 1672-2 "Food processing machinery – Safety and hygiene requirements". The stainless steel bezel is safe and resistant to the most critical conditions; the profile allows easy cleaning. Front foil is in polyester. Gasket is conforming to food standards. The protection degree IP69K allows for high-pressure, high-temperature cleaning. The product can be installed in food areas without any additional protection.

The eTOP507MFB features a high-brightness, contrast-enhanced ruggedized 7" TFT widescreen (16:9) display with LED backlight. The durable projected capacitive touchscreen requires the human touch, eliminating false activations, can be operated with thin gloves.



- High Brightness 7" TFT color display, LED backlight
- 800x480 pixel (WVGA) resolution, 64K colors
- Projected Capacitive Touchscreen (PCT)
- 2 Ethernet ports with switch function
- 2 USB host ports
- SD Card Slot
- Optional plug-in modules
- Slim design. Mounting depth less than 50mm without plugin

Highlights

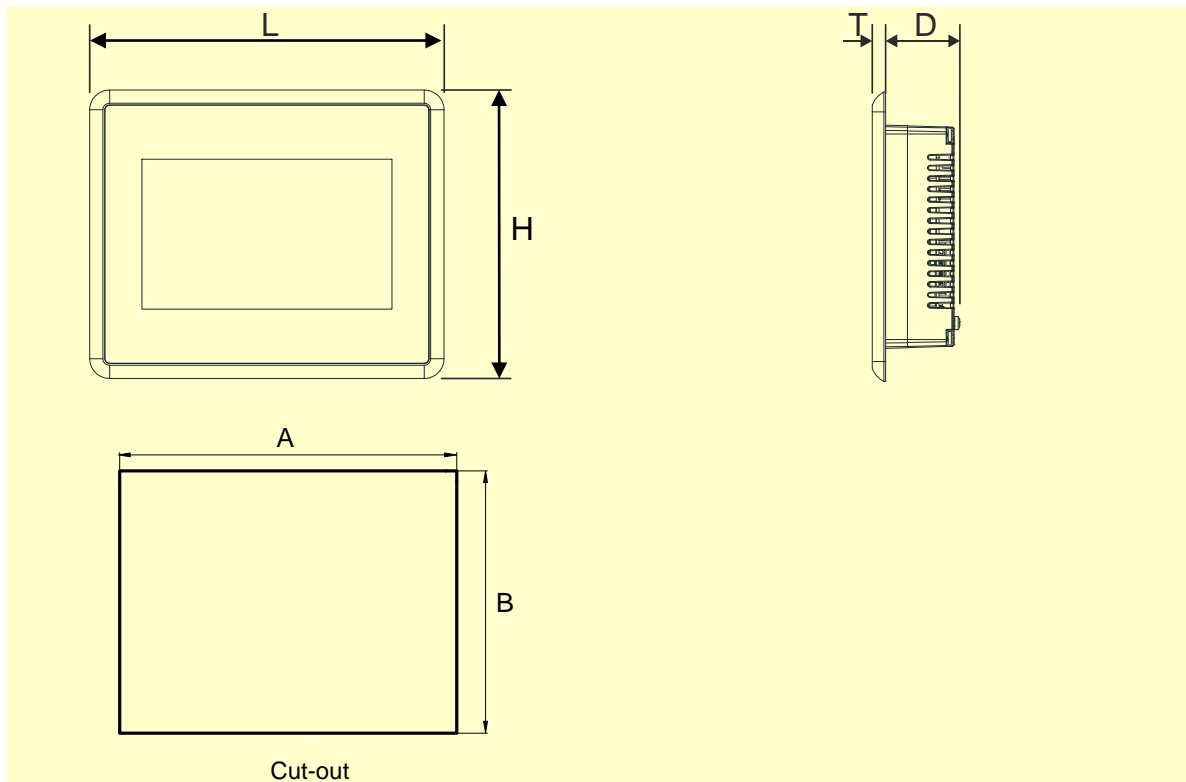
The eTOP Series 500 HMI products have been designed to run the JMobile software.

- Compatible with JMobileStudio.
- Full vector graphic support. Native support of SVG graphic objects, transparency and alpha blending.
- Screen object dynamics: control visibility and transparency, move, resize, rotate any object on screen. Change properties of basic and complex objects.
- Multilanguage applications with TrueType fonts. Easily create, install and maintain applications in multiple languages to meet global requirements.
- Data display in numerical, text, bargraph, analog gauges and graphic image formats.
- Rich set of state-of-the-art HMI features: data acquisition and logging, trend presentation, alarm handling, scheduler and timed actions (daily and weekly schedulers, exception dates), recipes, security and user management, e-mail and RSS feeds.
- Wide selection of communication drivers available with multiple-driver communication capability.
- Remote monitoring and control with Client-Server functionality. Web interface based on HTML5
- Off-line and on-line simulation with JMobile Studio.
- Powerful scripting language for automating HMI applications. Efficient script debugger improves productivity in application development.
- Rich gallery of objects and symbols
- Mediaplayer widget
- IP Network camera widget
- Optional CODESYS integrated PLC.

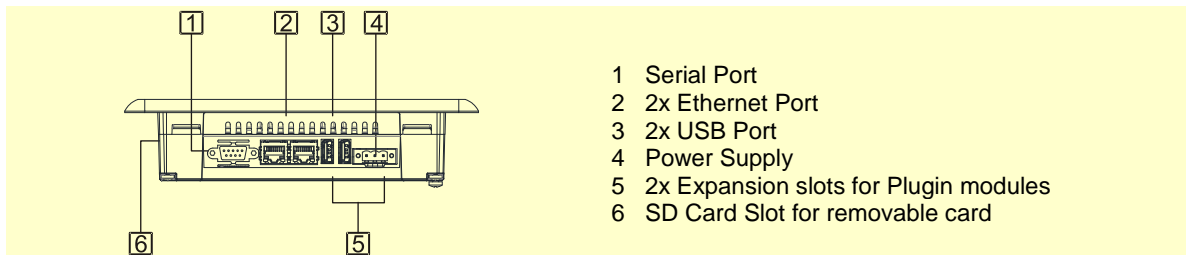
Technical Data

Display Type Resolution Active display area Colors Backlight Brightness Dimming	TFT 800x480, WVGA 7" diagonal 64K White LED 400 Cd/m ² typ. Yes	Power supply voltage Current consumption Fuse Weight Battery	24 Vdc (10 to 32 Vdc) 0.9A at 24Vdc (max.) Automatic Approx 1.5 Kg Rechargeable Lithium battery, not user-replaceable
System Resources Operating System CPU Flash RAM	Microsoft Windows CE 6.0 ARM Cortex-A8 1GHz 256 MB 256 MB	Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class	-20 to +60 °C (vertical installation) -40 to +85 °C 5 – 85 % relative humidity, non-condensing IP69K (front) IP20 (rear)
Operator Interface Touchscreen	Projected Capacitive	Dimensions Faceplate LxH Cutout AxB Depth D+T	215x175 mm (8.46x6.89") 176x136 mm (6.93x5.35") 46+9.5 mm (1.85+0.37")
Interfaces Ethernet port USB port Serial Port Expansion Slot Memory Card	2 10/100 Mbit with integrated Switch 2 Host interface v.2.0 RS-232, RS-485, RS-422, software configurable 2 Optional Plug-in SD Card Slot	Approvals CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Functionality Hardware Real Time Clock Buzzer	Yes, with battery back-up Yes, audible feedback for touchscreen	UL pending	cULus
Ratings			

Dimensions



Connections



Ordering Information

Model	Part Number	Description
eTOP507MFB	+ETOP507MU1F1	7" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. Ethernet and USB interfaces. JMobile runtime. White front panel.
eTOP507MFB	+ETOP507MU4F1	7" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. Ethernet and USB interfaces. JMobile runtime. Blue front panel.

ptn0524

Ver. 1.0

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