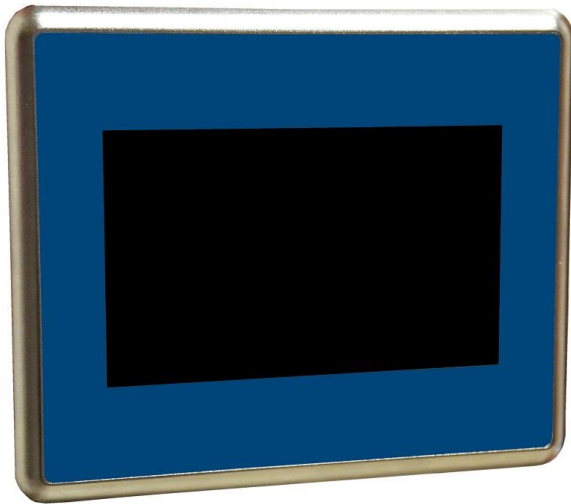


eTOP507MFB

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

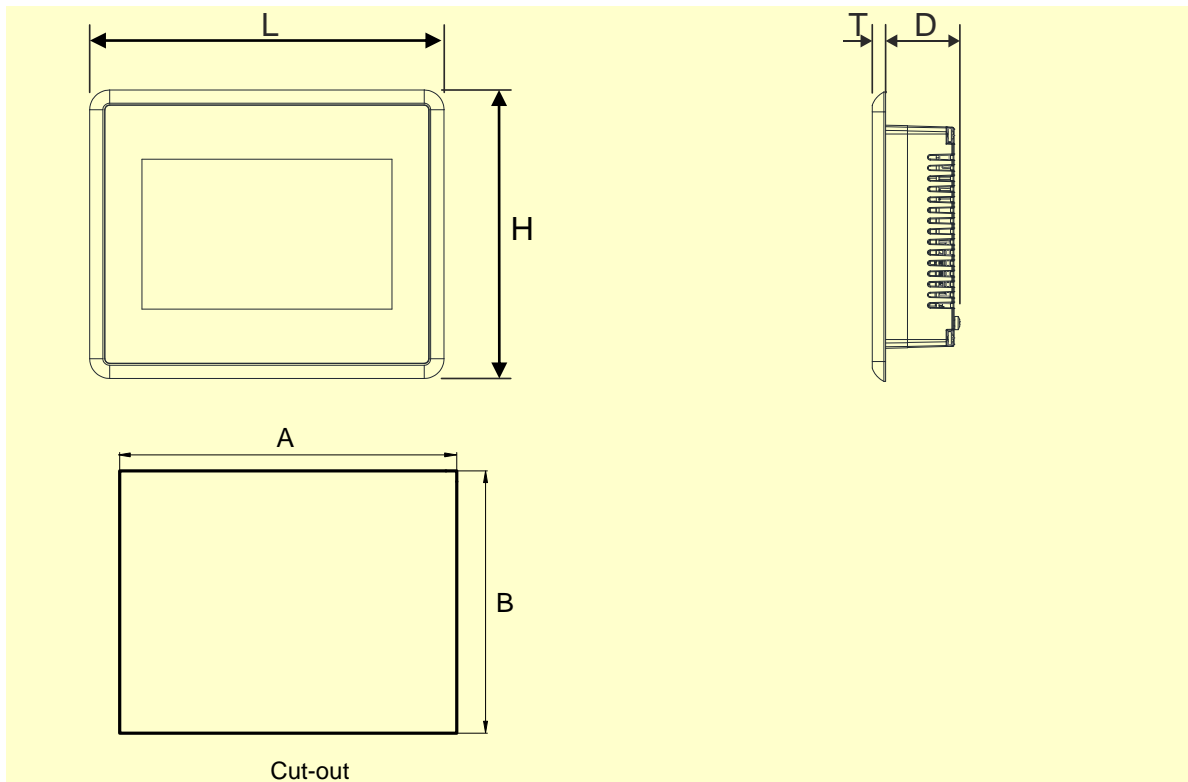
The eTOP Series 500 HMI products have been designed to run the JMobile software.

- 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.

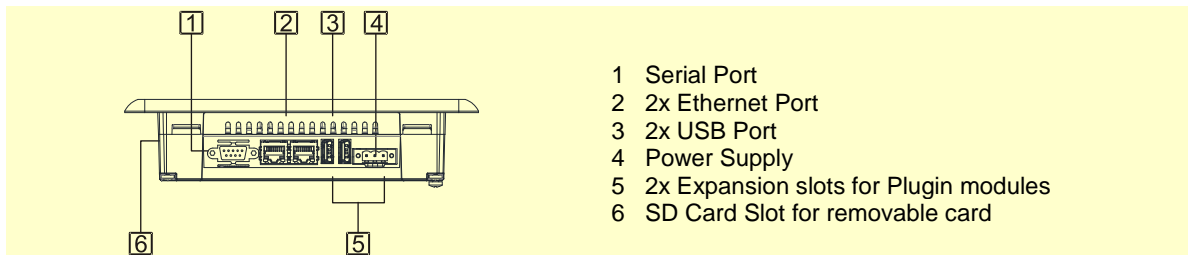
Technical Data

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