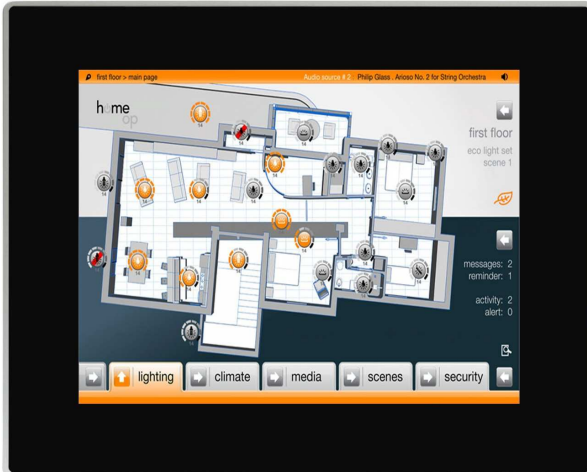


DomiOP eBIS510

The DomiOP eBIS 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 eBIS510 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.



- 10"4 SVGA TFT color display, LED backlight
- 800x600 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

Highlights

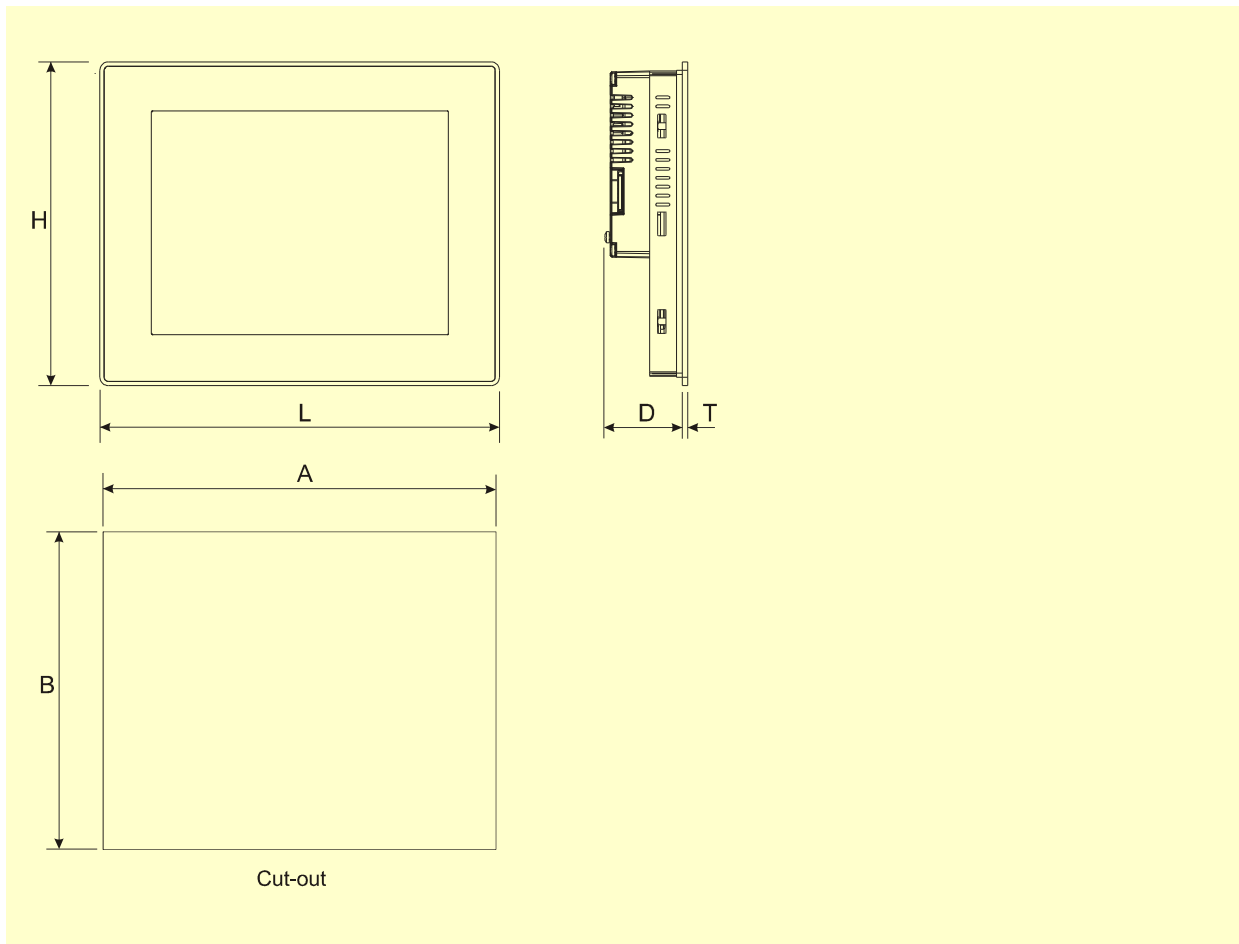
The eBIS Series 500 HMI panels have been designed to run the JMobile software.

- 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.
- TrueType fonts
- 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 0%

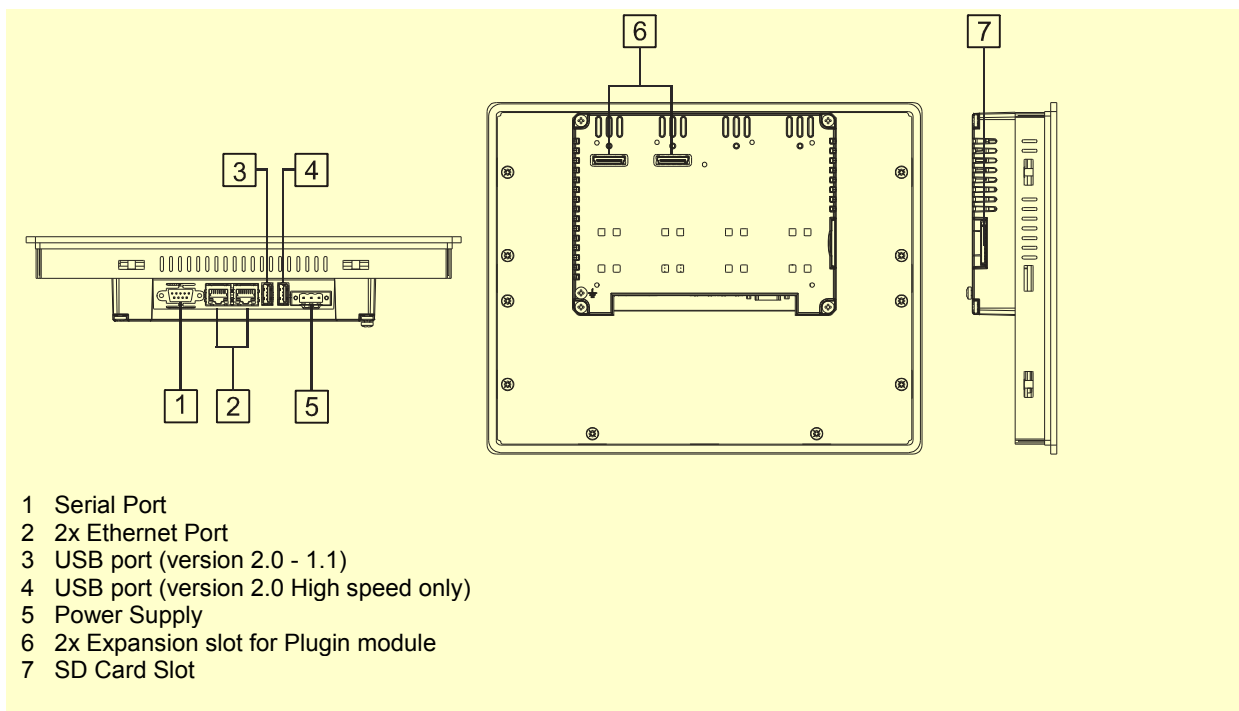
Technical Data

Display		Alarms	
Type	TFT	Historical event list	Yes
Resolution	800x600, SVGA	Users and passwords	Yes
Active display area	10"4 diagonal	Hardware Real Time Clock	Yes, with battery back-up
Colors	64K	Screen saver	Yes
Backlight	LED	Buzzer	Yes, audible feedback for touchscreen
Brightness	300 Cd/m ² typ.		
Dimming	Yes		
System Resources		Ratings	
Operating System	Microsoft Windows CE 6.0	Power supply voltage	24 Vdc (18 to 30 Vdc)
User memory	256 MB Flash	Current consumption	1A at 24Vdc(max.)
RAM	256MB DDR	Fuse	Automatic
Operator Interface		Weight	Approx 2.1 Kg
Touchscreen	Analog resistive	Battery	Rechargeable Lithium battery, not user-replaceable
LED indicators	1 (dual color)		
Interface		Environmental Conditions	
Ethernet	2 10/100 Mbit with integrated Switch	Operating temperature	5 to 40 °C (vertical installation)
USB	2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1)	Storage temperature	-20 to +70 °C
Serial	RS-232, RS-485, RS-422, software configurable	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
Expansion Slot	2 Optional plug-in	Protection class	IP20
Memory Card	SD Card Slot	Dimensions	
Functionality		Faceplate LxH	287x232 mm (11.3x9.13")
Vector graphics	Yes, includes SVG support	Cutout AxB	276x221 mm (10.86x8.70")
Object dynamics	Yes. Visibility, opacity, position, size, rotation for most object types.	Depth D+T	56+4 mm (2.20+0.16")
TrueType fonts	Yes	Approvals	
Multiple driver communication	Yes, max 2 drivers	CE	EN 50090-2-2 + EN 50090-2-2/A1+EN 50090-2-2/A2
Data acquisition and trend presentation	Yes. Flash memory storage limited only by available memory		Immunity
Multilanguage	Yes, with runtime language switching.		EN 61000-6-1, Emission
Recipes	Yes. Flash memory storage limited only by available memory		EN 61000-6-3 for installation in residential environments

Dimensions

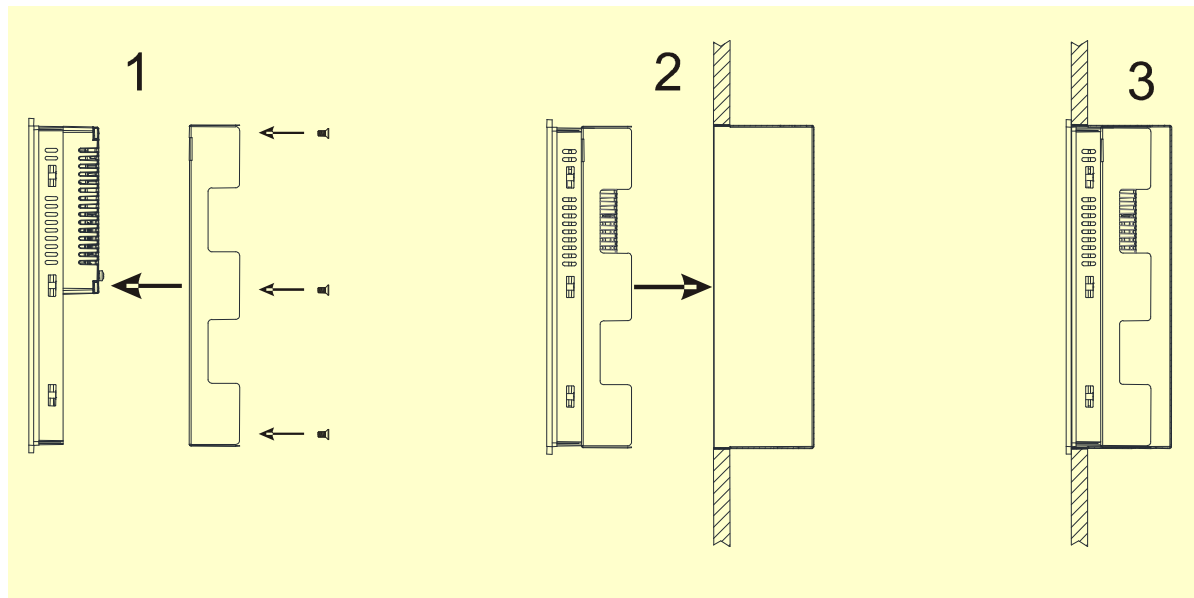


Connections



- 1 Serial Port
- 2 2x Ethernet Port
- 3 USB port (version 2.0 - 1.1)
- 4 USB port (version 2.0 High speed only)
- 5 Power Supply
- 6 2x Expansion slot for Plugin module
- 7 SD Card Slot

Mounting into Wall-mount Box (sequence)



Ordering Information

Model	Part Number	Description
eBIS510-White	+EBIS510U101	10"4 TFT color touchscreen with Ethernet and USB interfaces. JMobile run-time. White front panel.
eBIS510-Grey	+EBIS510U201	10"4 TFT color touchscreen with Ethernet and USB interfaces. JMobile run-time. Grey front panel.
eBIS510-Black	+EBIS510U301	10"4 TFT color touchscreen with Ethernet and USB interfaces. JMobile run-time. Black front panel.
BOX510-01	R-BOX12	Wall-mount box (279,2 x 224,2 x 80) for eBIS510

ptn0388

Ver. 1.2

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