

## DomiOP eBIS06C

The eBIS06C embedded Building Information System (eBIS) is a wall mount touchpanel designed for low-cost applications in building automation. It features a 5.7" TFT color graphic display with touchscreen interface and with a bright LED backlight. The modular communication architecture makes it the ideal solution for integration in building networks.



- 5.7" TFT color display
- LED backlight
- 1/4 VGA resolution
- Resistive touchscreen
- 10/100 Ethernet interface
- USB port for flash drives.
- Modular bus interface for KNX EIB (requires optional plug-in module)
- Designed for wall/flush mount
- 64 MB user memory

### Highlights

The eBIS interface panels are part of family of touchscreen products. All of the eBIS products support the rich common functionality of the UniOP interface panels:

- Powerful and intuitive programming with the UniOP Designer 6 software
- Supports popular building automation networks such as KNX EIB and others (optional module required)
- Optional 10/100 Ethernet port for integration in larger control systems and for programming the device with Designer (optional module required).
- USB host port for flash drives. (behind front bezel)
- Dual-driver communication capability
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Data acquisition and trend presentation. Trend data can be transferred to an host computer using the Ethernet connection.
- Analog gauge objects
- Recipe data storage. Recipe data can be transferred to an host computer using the Ethernet connection
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to an host computer using the Ethernet connection
- Eight level password protection
- Report printing to serial printer. Reports are freely configurable using Designer
- Ethernet-based UniNet network to share data between UniOP devices and to serve data using UniNet OPC Server
- Wall box available to optimize mounting in all kind of walls
- Optional color faceplates

**Technical Data**

<b>Display</b> Type TFT Resolution ¼ VGA, 320x240 pixel Active display area 115x86 mm (5.7" diagonal) Colors 64K Backlight LED Brightness 130 Cd/m <sup>2</sup> typ. Dimming Yes		Recipe memory Yes. Flash memory storage limited only by available memory <sup>(1)</sup>
<b>Memory</b> User memory 64 MB Flash Card Alternate User memory Optional removable 32/64 MB SSFDC memory card		UniNet network Client/Server Alarms 1024 Event list 1024 Password Yes Hardware RTC Yes, battery backed Screen saver Yes Buzzer Yes, audible feedback for touch screen
<b>Front panel</b> Touch screen Analog resistive Function keys - System keys - User LED's - System LED's -		Battery 3 V 285 mA Lithium, non rechargeable, user replaceable, RENATA model CR2430. Replace with same component or equivalent.
<b>Interfaces</b> PC/Printer port Yes PLC port RS-232, RS-485, RS-422, 20 mA Current Loop Ethernet port 10/100 Mbit USB port Host version 1.1 <sup>(1)</sup> Aux port (fieldbus) Yes, with optional modules DX port (video input) - Serial programming speed 9600 – 38400 bps Slot for Local I/O -		<b>Ratings</b> Power supply voltage 18 - 30 VDC Current consumption 1A at 24Vdc(max.) Fuse Automatic Weight Approx 1.7 Kg
<b>Functionality</b> Vector graphics Yes Dual driver capability Yes Video input - Data acquisition and trends Yes		<b>Environmental Conditions</b> Operating temperature 0 to 45 °C Storage temperature -20 to +70 °C Operating and storage humidity 5 – 85 % RH non-condensing Protection class IP20 (front panel)
		<b>Dimensions</b> Faceplate LxH 231x189 mm (8.38x6.73") Cutout AxB (wall mount box) 213x171 mm (12.32x9.72 ") Mounting depth C 78mm/3.07" Faceplate thickness D 6mm (0.24")
		<b>Dimensions box</b> Faceplate HxL 171mm/6.73" 213mm/8.38" Mounting depth C 84mm/3.30"

Note 1: operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

The product is designed for installation in residential environments in compliance with the regulations:

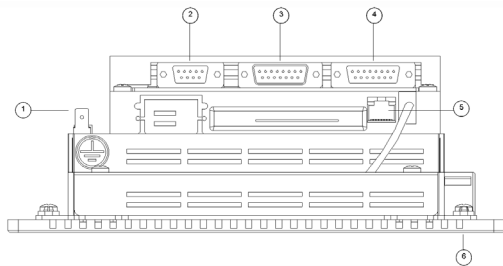
Emitted interference & Noise immunity: EN 55022 (CISPR 22)(Class B) EN 55024, EN 50090-2-2 + EN 50090-2-2/A1, EN 60669-2-1, EN 61000-6-1, EN 61000-6-2 , EN 61000-6-3



Rear view

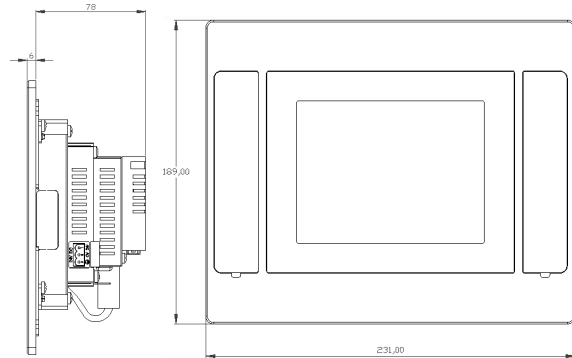


Side view

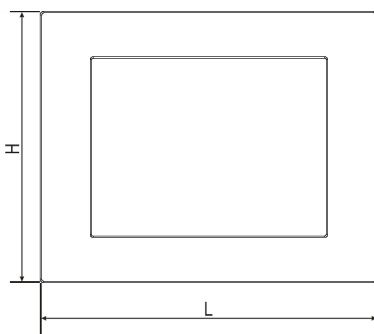


- 1 Power
- 2 Aux Port
- 3 PLC Port
- 4 PC/Printer Port
- 5 Ethernet Port
- 6 USB port for flash memory

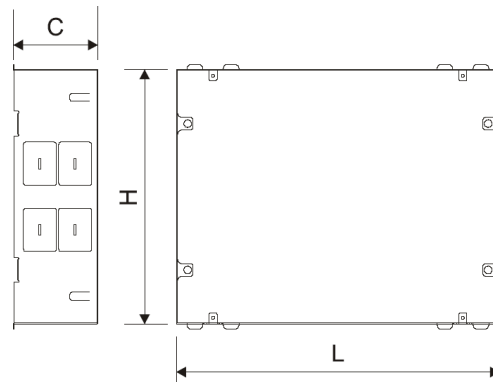
Bottom view



Side and front view



COVERxx (Not supplied with panel)



BOXxx-01 (Not supplied with panel)

**Ordering Information**

eBIS06C	5.7" ¼ VGA TFT color panel with touchscreen
TCM17	KNX EIB interface module
BOX11-01	Wall mount box for eBIS 11/06C/106C
COVER11-01	Cover frame for eBIS11/06C/106C - black
COVER11-02	Cover frame for eBIS11/06C/106C - white

---

**Tn283****Ver. 1.0****Copyright © 2008 Sitek S.p.A. – Verona, Italy**

Subject to change without notice

The information contained in this document is provided for informational purposes only. While efforts were made to verify the accuracy of the information contained in this documentation, it is provided "as is" without warranty of any kind.

[www.domiop.com](http://www.domiop.com)