

DomiOP eBIS Windows CE Workstations

The eBIS building workstations for Windows CE are state-of-the-art HMI devices designed to meet the most building embedded application needs. Diskless and fanless operation make the product ideal for harsh environment. They provide a powerful and convenient platform to advantage from the capabilities of the Microsoft Windows CE operating system.

The eBIS workstations are available with touchscreen interface and come in a variety of display technologies and sizes, from 5.7" to 15" color TFT.



- Windows CE .NET 5.0
- Diskless and fanless operation
- Display sizes from 5.7, 10.4" and 15"
- Resolution from 1/4 VGA to XGA
- 64K colors (all TFT displays)
- Resistive touchscreen
- Ethernet 10/100 port integrated
- USB port
- IP20 front panel protection

Highlights

The eBIS workstations for Windows CE are members of the UniOP family of operator interface products. They maintain the same mechanical look and feel of successful UniOP products while adding the connection capabilities and the powerful graphical user interface of the Windows CE operating system.

Microsoft® Windows® CE is a robust, compact, highly efficient, scalable operating system (OS) that is designed for a variety of embedded systems and products. Its multithreaded, multitasking, fully preemptive OS environment is designed specifically for hardware with limited resources.

Windows CE .NET, combines an advanced real-time embedded operating system with the most powerful tools for rapidly creating the next generation of smart, connected, and small-footprint devices.

The eBIS workstations are the ideal platform for running a web browser and turning the product into a perfect client station for use in industrial, marine and building applications.

- Windows CE .NET version 5.0
- OEM builds available on demand
- Built-in 10/100 Mb Ethernet port.
Secondary Ethernet port optionally available.
- USB host port for connecting external keyboard, mouse or memory sticks
- JVM optionally available
- Video input option (depends on model)

Technical Data

Display	Type	Resolution	Area (Diagonal)	Colors	Brightness	Dimming	Backlight ^(note 1)
eBIS106C	TFT	320x240	115x86 mm (5.7")	64K	130 cd/m ² typ.	Yes	LED
eBIS133C	TFT	640x480	218x159 mm (10.4")	64K	300 cd/m ² typ.	Yes	CCFL, 50000 h
eBIS150C	TFT	1024x768	304x228 mm (15")	64K	200 cd/m ² typ.	Yes	CCFL, 50000 h

Note 1: the lamp lifetime is the typical value for continuous operation at 25°C.

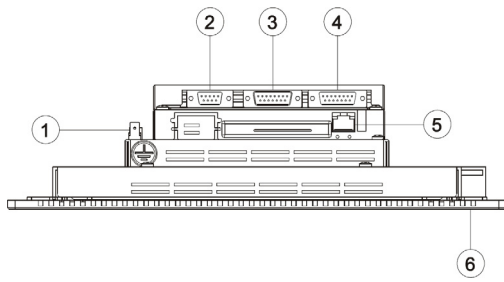
Processing Unit		Screen saver	Yes
CPU	NEC 4131 200 MHz	Buzzer	Yes, audible feedback for touch screen
Flash Memory	64 MB	Battery	3 V 270 mA Lithium, non rechargeable, user replaceable, model CR2430. Replace with same component or equivalent compatible with the operating temperature of the product.
RAM Memory	64 MB		
User Memory	Optional 64 MB SSFDC		
Expansion	memory card		
Operating System	Windows CE .NET 5.0		
Front panel			
Touch screen	Analog resistive		
Interfaces		Ratings	
Ethernet port	10/100 Base-T, RJ45	Power supply voltage	18 - 30 VDC
USB port	Host	Current consumption	See table
Serial Port 1	RS-232	Fuse	Automatic
Serial Port 2	RS-232, RS-485, RS-422, 20 mA Current Loop	Weight	See table
Aux port (fieldbus and secondary Ethernet)	Yes, with optional modules	Environmental Conditions	
DX port (video input)	eBIS106C No eBIS133C Nos eBIS150C Yes (optional)	Operating temperature	See table
		Storage temperature	-20 to +70 °C
		Operating and storage humidity	5 – 85 % RH non-condensing
Functionality		Protection class	IP20 (front panel)
Hardware RTC	Yes, battery backed		

Note 1: the lamp lifetime is the typical value for continuous operation at 25°C.

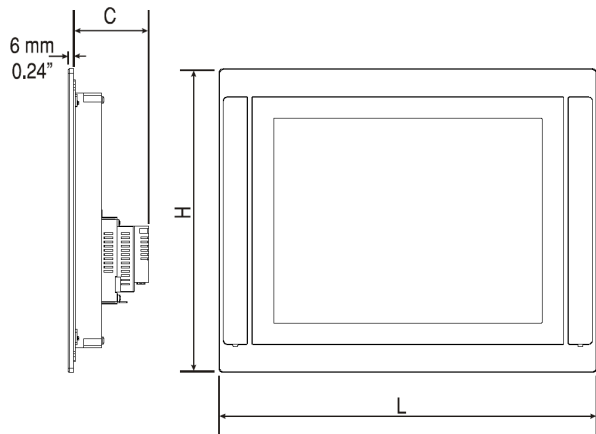
The product is designed for installation in residential environments in compliance with the regulations:

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

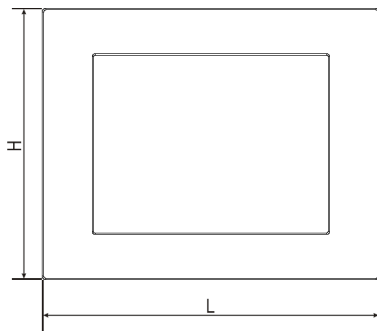
	Current Consumption	Weight	Operating temperature	Faceplate LxH	Cutout AxB	Cutout depth
eBIS106C	0.7 A	1.7 Kg	+5°C to 40 °C	231x189 mm	213x171 mm	76 mm
eBIS133C	1.2 A	2.6 Kg	+5°C to 40 °C	331x265 mm	313x247 mm	76 mm
eBIS150C	1.5 A	4.6 Kg	+5°C to 40 °C	436x347 mm	381x296 mm	86 mm



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

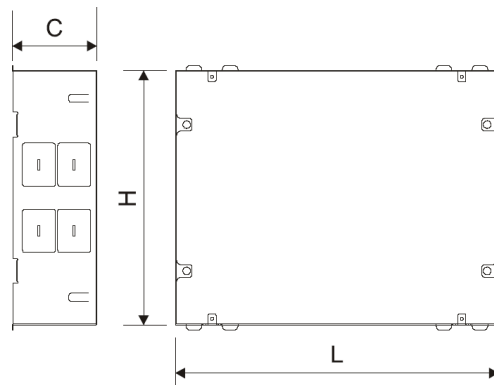


Bottom view



COVERxx (Not supplied with panel)

Side and front view



BOXxx-01 (Not supplied with panel)

Ordering Information

eBIS106C	Windows CE workstation, 5.7" ¼ VGA TFT 64K colors, touchscreen
eBIS133C	Windows CE workstation, 10.4" VGA TFT 64K colors, touchscreen
eBIS150C	Windows CE workstation, 15" X VGA TFT 64K colors, touchscreen

Accessories

BOX11-01	Wall mount box for eBIS 11/06C/106C
BOX33-01	Wall mount box for eBIS 33C/133C
BOX50-01	Wall mount box for eBIS 50C/150C
COVER11-01	Cover frame for eBIS11/06C/106C- black
COVER11-02	Cover frame for eBIS11/06C/106C- white
COVER33-01	Cover frame for eBIS 33C/133C - black
COVER33-02	Cover frame for eBIS 33C/133C - white
COVER50-01	Cover frame for eBIS 50C/150C - black
COVER50-02	Cover frame for eBIS 50C/150C - white
TCM17C	Add-on module for KNX/EIB (TP interface)

Tn289-1
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