

New XWEB PRO model

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by Copeland Controls

XWEB500 PRO the new control and monitoring system for medium installations



Copeland Controls completes the XWEB PRO range with the introduction of the new XWEB500 model to the market, developed for medium installations of up to 36, 50, or 75 devices, such as petrol stations, supermarkets, and storage goods centers.

XWEB500 PRO is designed to be used in offices and commercial spaces. It can be wall-mounted or used as a desk instrument, thanks to its flexible 2-meter power cable (EU plug and C7 connector).

The integrated LCD display simplifies the initial configuration process and allows for immediate reading and understanding of anomalies in the adjustment of devices connected to the network.

The installation of XWEB500 PRO is easy, intuitive, and doesn't require the intervention of specialized technicians.

1. Application

The XWEB PRO series offers maximum adaptability suitable for every kind of application, from petrol stations to hypermarkets, minimarkets, and restaurant chains. With the new XWEB500 PRO, the needs of applications requiring wall or desk installation are also met.

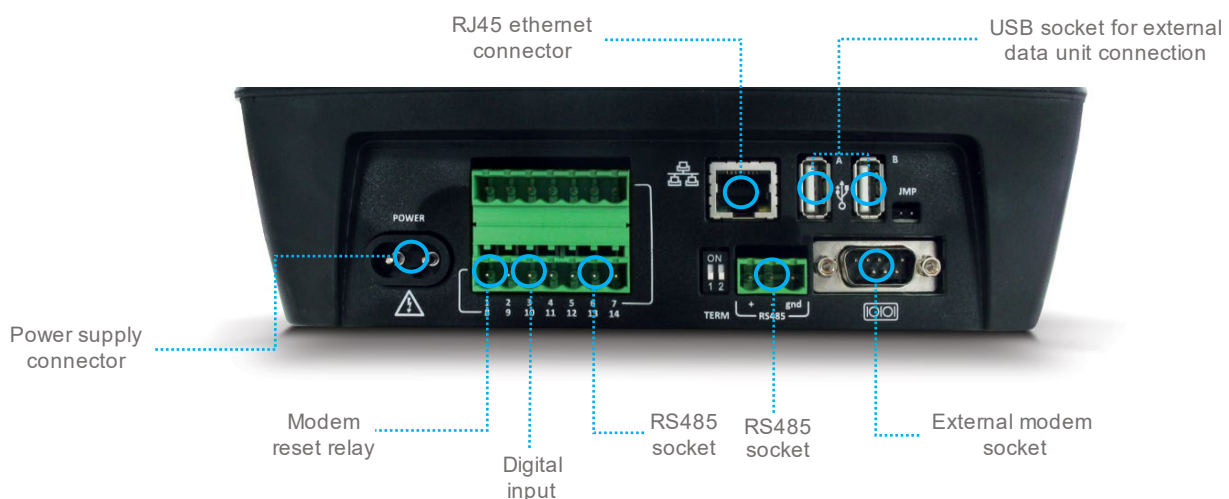


2. Main features

In addition to the well-known features of the XWEB PRO family, the XWEB500 PRO stands out for its powerful hardware, ensuring high performance in elaboration speed, processing, and visualization. The Web user interface allows easy and fast access to information even from mobile devices (smartphone, tablet, or PC).

2.1 Hardware

The new hardware, with a CPU 2.8 times faster and a benchmark test 3.8 times higher than the previous XWEB500 EVO model, ensures optimized processing speed and rapid access to Web pages. Operations such as software updates, data analysis, and parameter modification are performed quickly, making any maintenance tasks even simpler and more effective.



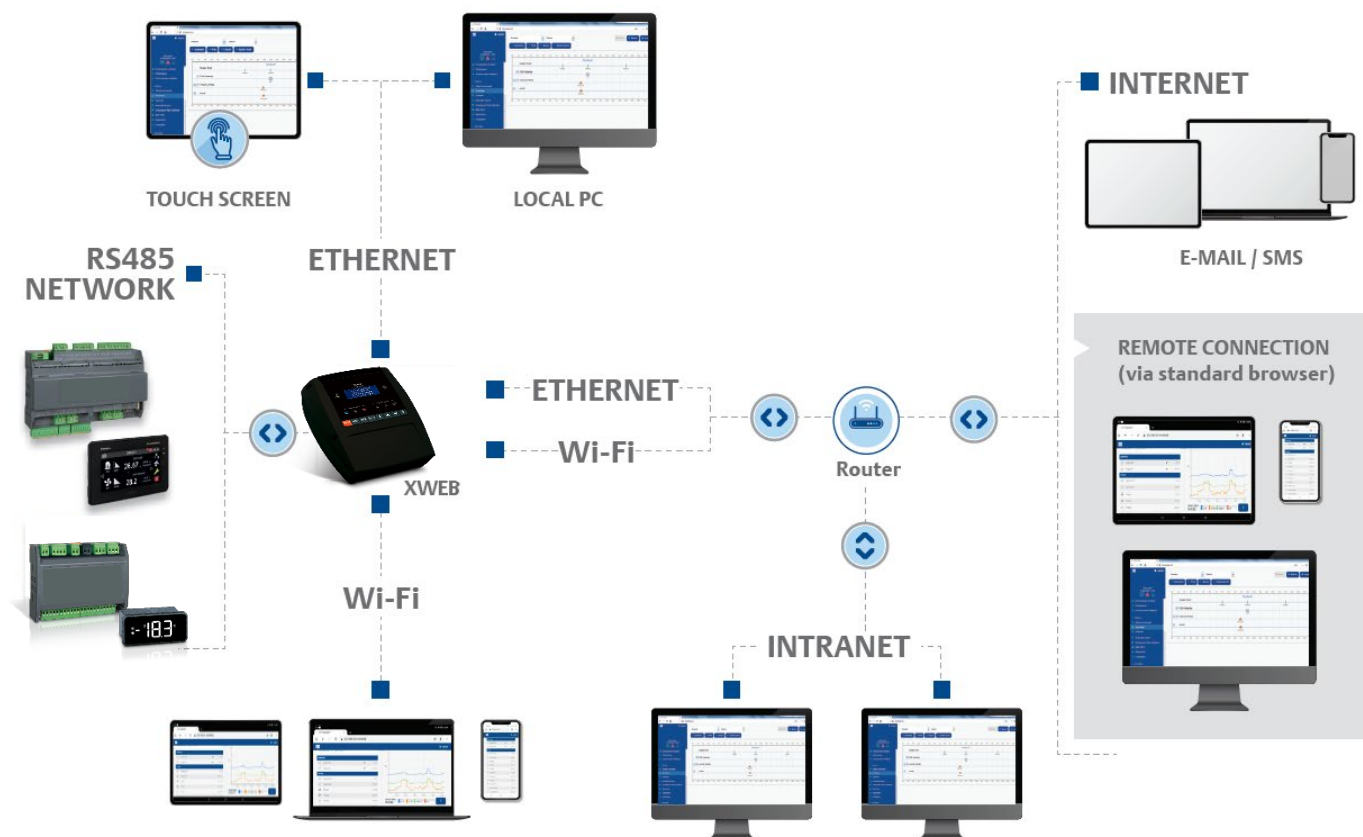
2.2 Backward compatibility

XWEB500 PRO is compatible with the libraries, backups, and configurations used on XWEB500 EVO from version 5.6 and onwards.

2.3 Connectivity

XWEB500 PRO can connect to an existing Wi-Fi network or alternatively create its own Access Point for access via mobile devices (smartphone, tablet, or PC) without the need for additional network infrastructures. The dual RS485 serial port simplifies wiring operations while ensuring more efficient, fast, and stable communication. The connector remains unchanged from the previous model, ensuring a quick and secure replacement.

The second USB port allows simultaneous connection of a memory stick (data backup, updates, etc.) and a Wi-Fi dongle for wireless connectivity.



2.4 Interface

The LCD interface ensures quick and intuitive use, allowing the user to access and configure certain LAN network data and send commands such as: set points, defrosts, and global commands.

The buttons have been redesigned to facilitate interaction with the device.



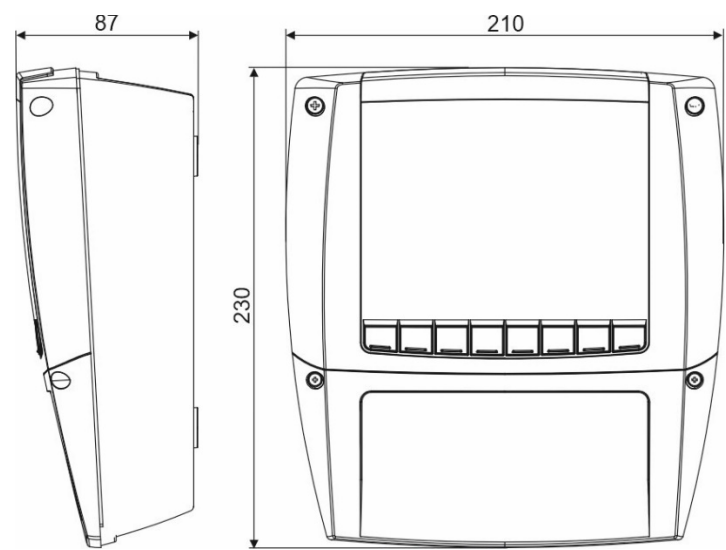
Convenient position of the
"ALARM" button



3. Technical features

	XWEB500 PRO
Power supply	230Vac
Display	LCD 4x20 characters
N° of instruments	36+50÷75
USB host sockets	2
Relay outputs	4
Digital inputs	1
Ethernet sockets	1
RS485 sockets	2
External modem support	•
Navigation and data secured network communication	•
Protected web user interface	•
Multi-user management	•
Centralized user management	•
Language management	•
Alarms on XJR40D module	•
High frequency data management	•
Circular graphics	6h
Minimum interval of temperature log	1min
Realtime device visualization	•
Parameters programming, commands and setpoint modification	•
Alarm setup	•
System logs	•
Charts	•
Data Report	•
HACCP Report	•
Food quality report	•
Global commands	•
Consumption analysis	•
Performance meter	•
Diagnostic for communication quality	•
Management of scheduled events	•
Calendar	•
Automatic export module	•
Backup/Restore	•
Layout	•
ModBUS TCP/IP gateway	•
OpenAPI protocol	•
Wireless connection with Wi-Fi dongle	•
Sistema Compressor Guard	•
CRO system	•

4. Dimensions



5. How to order

XWEB500B – 5 **B** **C** 0 0 P

B		C	
N. of instruments		Software	
F	36	0	Standard
G	50	2	CG (4 engines) + CRO (3 engines)
L	75		

Note: with 36 instruments the “CG (4 engines) + CRO (3 engines)” option is not available

6. Pricing

Please contact our sales department for product pricing and further information.

7. Availability and orders

XWEB500 PRO will be available from November 2023 with standard delivery time.
Please contact our sales department for further information.