WHAT IT IS

Supervisor and Monitoring Systems for the management of Retail field and HVAC/R applications
Main applications

- Hypermarkets
- Convenience stores
- Supermarkets
- Petrol stations
- Restaurants
XWEB EVO

The scalable solutions

The XWEB EVO Series offers maximum adaptability suitable for every kind of application, from petrol station, to hypermarket, convenience stores and restaurant chains.
With its powerful hardware platform, Web technology architecture and a complete range of dedicated functions, XWEB EVO is the right choice for the Retail environment.
XWEB EVO

Main features

ALARM MANAGEMENT
An effective alarm management system easily detects and signals alarm status so prompt intervention can restore optimum functioning of the application. Better commissioning with «Real time data graphs»

HIGH CONNECTIVITY
A powerful hardware platform with USB, Ethernet, RS485 ports, and more, offers the maximum level of connectivity

HIGH INTEGRATION
Extended accessibility to the User Interface from mobile devices like iOS & ANDROID smartphones and tablets

FOOD QUALITY
Constant data recording, HACCP reports and timely alarm notification guarantee high quality of fresh and frozen food and is in compliance with the UNI EN 12830 rule

ENERGY SAVING
Special algorithms and continuous tracking of energy usage optimizes the application’s efficiency by increasing energy savings and reducing costs

ENVIRONMENTALLY FRIENDLY
With our eco-friendly solutions, innovation and efficiency means respecting the environment by optimizing consumption and reducing pollution, gas emission and waste
XWEB300D EVO

Alarm management and controlling web server

Designed for 6 or 18 device installations

- Petrol stations
- Mini-market
- Small storage centres
• 10DIN Rail module directly inside the machine board or wall mounting with brackets

• Up to 1 year temperature recording

• Optimized controller values visualization via “Single View” and “Overview” functions

• Possibility to modify the parameters of the connected devices remotely

• Automatic data export to USB pendrive

• Alarm notification via SMS or e-mail
XWEB300D EVO

Interfaces

- Digital input (only for XWEB500D)
- Fuse
- RS485 socket
- Power supply connector
- Alarm 1 output relay (only for XWEB500D)
- Alarm 2 output relay (only for XWEB500D)
- System alarm relay
- External modem socket if present
- USB socket for external data unit connection
- Internal modem line connector
- RJ45 connector for ethernet
- Port for external modem connection
XWEB500D EVO & XWEB500 EVO

Alarm management and controlling web server

Designed for medium installations up to 36, 50 or 100 devices

- Petrol Stations
- Restaurant chains
- Supermarkets
- Storage centers
XWEB500D EVO & XWEB500 EVO

Features

• 10DIN Rail module directly inside the machine board or wall mounting with brackets (XWEB500D EVO)
• Up to 1 year temperature recording
• Optimized controller values visualization via “Single View” and “Overview” functions
• Stand alone usage thanks to the back lit LCD local display and keyboard (XWEB500 EVO)
• Possibility to modify the parameters of the connected devices remotely
• Customizable web user interface (layout)
• Performance meter for cooling demand control
• Automatic data export to USB pen drive
• Easy plant management by means of the “Scheduler” to send commands according to a custom calendar
• Alarm notification via SMS or e-mail
• HACCP report print-out in pdf format
• CRO for compressor rack optimization
XWEB500D EVO & XWEB500 EVO

Interfaces

- Digital input (only for XWEB500D)
- Fuse
- RS485 socket
- Power supply connector
- Alarm 1 output relay (only for XWEB500D)
- Alarm 2 output relay (only for XWEB500D)
- System alarm relay
- External modem socket if present
- USB socket for external data unit connection
- Internal modem line connector
- RJ45 connector for ethernet
- Port for external modem connection
XWEB500D EVO & XWEB500 EVO

Interfaces

- Alarm 1 output relay
- Alarm 2 output relay
- System alarm relay
- USB socket for external data unit connection
- RJ45 ethernet connector
- Power supply connector
- Modem reset relay
- Digital input
- RS485 socket
- USB socket for PC connection
- External modem socket
- Internal modem line connector
XWEB3000 EVO

Alarm management and controlling web server

Designed for larger installations up to 494 devices

- Restaurant chains
- Supermarkets
- Hypermarkets
- Large storage & distribution centers
- Production and storage goods processing
XWEB3000 EVO

Features

- 19” RACK or desk mounting
- Up to **1 year temperature recording**
- Optimized controller values visualization via “**Single View**” and “**Overview**” functions
- **Dual instrument network** to increase safety and total length (up to 2Km)
- Possibility to **modify the parameters** of the connected devices remotely
- Customizable **web user interface** (layout)
- **Performance meter** for cooling demand control
- Easy plant management by means of the “**Scheduler**” to send commands according to a custom calendar
- Alarm notification via **SMS** or **e-mail**
- **HACCP report** print-out in pdf format
XWEB3000 EVO

Interfaces

- Power supply connector
- System alarm relay
- RS485 sockets
- Digital inputs
- External modem sockets
- RS485 ethernet connectors
- Mouse socket
- Alarm 1 and 2 output relays
- Internal modem line connector
- Monitor connection
- USB socket for external data unit connection
- Keyboard socket
XWEB5000 EVO

Designed for larger installations with up to 494 devices in the refrigeration, conditioning and building automation field

- Hypermarkets
- Large storage & distribution centers
- Production and storage goods processing
- Customer service centers

Monitoring, controlling and supervisor web server
XWEB5000 EVO

Features

- **19” RACK** or desk mounting
- Up to **1 year temperature recording**
- Optimized controller values visualization via “Single View”, “Run Time” and “Overview” functions
- **Dual instrument network** to increase safety and total length (up to 2Km)
- Possibility to modify the parameters of the connected devices remotely
- **Customizable web user interface** (layout)
- **Performance meter** for cooling demand control
- Easy plant management by means of the “Scheduler” to send commands according to a custom calendar
- Alarm notification via SMS or e-mail
- **HACCP** report print-out in pdf format
- **Powerful supervising engine** with embedded editor and field simulator
- **CRO** for compressor rack optimization
- Dew point for **anti-sweat heater control**
**XWEB5000 EVO**

**Interfaces**

Supervisor
It is possible to intervene sending commands to monitored units with algorithm made by the installer
XWEB EVO

Overview desktop

- Device info
- Active alarms
- Shortcuts to main pages
- Tools and configurations
XWEB EVO

Graphs

Single view with all the tools in one page

Values in real time

Commands

Performances

Graphs

Values in real time

Commands

Performances
XWEB EVO

Graphs

Cursor and legend
Multi variable
Multiaxis
Zoom
More than 1 Device
XWEB EVO

Alarms

- Alarm with complete reporting
- Device snapshot
- Alarm notification
- Alarm graph
- User notes
XWEB EVO

Layout

Maps and synoptic

Widget for useful customization
XWEB EVO

Connection via tablet

The user can access the revolutionary XWEB EVO user interface with tablets and smartphone

Using a common Wi-Fi router, it is simple and immediate to access the XWEB EVO interface that has been optimized for smartphones and tablets. Displaying alarms, variables and much more is now even more convenient and secure with XWEB EVO
The HACCP report is just two clicks away: the user needs to just input the period of the report. The report can also be sent via email, printed directly or saved as PDF file.
Alarms are notified via email and SMS. The email may include a synthetic report on device status at the time of the alarm (temperature graph, set point etc.) for a better understanding of the operating status and to take the most appropriate decisions.
XWEB EVO

Local connections

XWEB EVO systems can all be connected directly to a PC via RJ45 cross cable.

XWEB3000 EVO and XWEB5000 EVO can be used in stand-alone mode adding monitor, keyboard and mouse.
XWEB EVO

Remote connections

RS485 network

XWEB EVO

MODEM (int/ext)

XWEB modem

ETHERNET

Router

INETRANET

INTERNET

E-MAIL

E-MAIL / SMS

REMOTE CONNECTION (via standard Browser)
# XWEB EVO

## Hardware features

<table>
<thead>
<tr>
<th></th>
<th>XWEB300D EVO</th>
<th>XWEB500D EVO</th>
<th>XWEB500 EVO</th>
<th>XWEB3000 EVO</th>
<th>XWEB5000 EVO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Applications</strong></td>
<td>small and medium</td>
<td>medium and large</td>
<td>medium and large</td>
<td>large</td>
<td>large with supervision</td>
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<tr>
<td><strong>Format</strong></td>
<td>10 DIN Rail</td>
<td>10 DIN Rail</td>
<td>210x230x87h</td>
<td>350x235x47h</td>
<td>350x235x47h</td>
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<tr>
<td><strong>Power supply</strong></td>
<td>24Vac or 110+230Vac</td>
<td>24Vac or 110+230Vac</td>
<td>110Vac or 230Vac</td>
<td>110+230Vac</td>
<td>110+230Vac</td>
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<tr>
<td><strong>Display</strong></td>
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<td><strong>N° of instruments</strong></td>
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<td>36-50-100</td>
<td>36-50-100</td>
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<td><strong>RS485 socket</strong></td>
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<tr>
<td><strong>External modem</strong></td>
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<td>analogue or GSM</td>
<td>analogue or GSM</td>
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<td><strong>Internal modem</strong></td>
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## XWEB EVO

### Functions

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<th>XWEB500D EVO</th>
<th>XWEB500 EVO</th>
<th>XWEB3000 EVO</th>
<th>XWEB5000 EVO</th>
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<tr>
<td>RS485 line check</td>
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<td>Parameter programming</td>
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<td>Overview home page</td>
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<tr>
<td>Device view</td>
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<td>Fast Sampling Mode</td>
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<td>Charts</td>
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<td>Data Export in Excel®</td>
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<td>Circular graphics (6h - high resolution charts)</td>
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<td>User setup</td>
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<td>Device setup</td>
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<td>System setup</td>
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<td>Calendar setup</td>
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<td>XCENTER</td>
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<td>Runtime</td>
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</table>
# XWEB EVO

## Functions

<table>
<thead>
<tr>
<th>Feature</th>
<th>XWEB300D EVO</th>
<th>XWEB500D EVO</th>
<th>XWEB500 EVO</th>
<th>XWEB3000 EVO</th>
<th>XWEB5000 EVO</th>
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<tr>
<td>Data log status</td>
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<td>Daily export module</td>
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<td>Language manager</td>
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<td>HACCP report</td>
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<td>Layout</td>
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<td>Global commands</td>
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<td>Scheduler</td>
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<tr>
<td>CRO module</td>
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<td>Performance meter</td>
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<td>Local print function</td>
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<td>Dew point module</td>
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<tr>
<td>Supervision module</td>
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THANK YOU!

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