XWEB EVO
Supervisor and Monitoring Systems

November 2014
XWEB EVO

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

MAIN APPLICATIONS

- Petrol Stations
- Supermarkets
- Convenience Stores
- Restaurants
The XWEB EVO Series offers maximum adaptability suitable for every kind of application, from petrol station, to hypermarket.
XWEB EVO

SUPERVISOR AND MONITORING SOLUTION FOR RETAIL
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

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

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

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

THE EVO BENEFITS

Smarter alarm with incremental notification priority

Just a few commands for HACCP file printout generation

High resolution graphs for last day (circular graph) useful for diagnostic

«Real time data graphs» useful for commissioning
XWEB EVO

THE EVO BENEFITS

- Easier historical data read out with http protocol to another server
- Save/load graph template configurations
- High integration with mobile device IOS & ANDROID (less JAVA dependency)
- Completely revised interface with highest level of customization
XWEB300D EVO

ALARM MANAGEMENT AND CONTROLLING WEB SERVER

Designed for 6 or 18 device installations

Mini-market
Petrol Stations
Small Storage Centres
XWEB300D EVO

- 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
- Always accessible even with isolated installation via GPRS connectivity
- Possibility to modify the parameters of the connected devices remotely
- Automatic data export to USB pendrive
- Alarm notification via FAX, SMS or e-mail
XWEB500D EVO & XWEB500 EVO

MONITORING 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

- 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)
- Always accessible even with isolated installation via GPRS connectivity (XWEB500D 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 pendrive
- Easy plant management by means of the “Scheduler” to send commands according to a custom calendar
- Alarm notification via FAX, SMS or e-mail
- HACCP report print-out in pdf format
- CRO for compressor rack optimization
XWEB500D EVO & XWEB500 EVO

- 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

INDUSTRIAL MONITORING AND CONTROLLING WEB SERVER

Restaurant Chains

Supermarkets

Hypermarkets

Large Storage & Distribution Centers

Production and Storage Goods Processing

Designed for larger installations up to 494 devices
XWEB3000 EVO

- 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 FAX, SMS or e-mail
- HACCP report print-out in pdf format
XWEB5000 EVO

MONITORING, CONTROLLING AND SUPERVISOR WEB SERVER

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
**XWEB5000 EVO**

- 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 FAX, 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
SUPERVISOR

It is possible to intervene sending commands to monitored units with algorithm made by the installer.
Any desktop could be home page

Dashboard

Widjet
OVERVIEW DESKTOP

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.
XWEB EVO

SINGLE VIEW

Single view with all the tools in one page

- Run time
- Commands
- Graphs
- Parameter
XWEB EVO

GRAPHS

- Multiaxis
- Multi variable
- Cursor datapoint
- Autozoom
- More Than 1 Device
XWEB EVO

ALARMS

- Alarm with complete reporting
- Device Snapshot
- Notification details
- Alarm Graph
The layout is a desktop, and XWEB can manage more than one Widget is very useful in customization.
XWEB EVO

CONNECTION VIA TABLET

The user can access the revolutionary XWEB EVO user interface with tablets and Web browsers.
XWEB EVO

LOCAL CONNECTIONS

XWEB EVO systems can be connected directly to a PC.

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

REMOTE CONNECTIONS

INTERNET

E-MAIL
E-MAIL / SMS
REMOTE CONNECTION (via standard Browser)

INTRANET

ETHERNET

MODEM (int/ext)
Also GPRS (opt) for D format

Fax

XWEB modem

Router

XWEB EVO
RS485 network
# XWEB EVO

## HARDWARE FEATURES

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>10 DIN Rail</td>
<td>10 DIN Rail</td>
<td>210x230x87h</td>
<td>350x235x47h</td>
<td>350x235x47h</td>
</tr>
<tr>
<td>Power supply</td>
<td>24Vac or 100+230Vac</td>
<td>24Vac or 100+230Vac</td>
<td>100+230Vac</td>
<td>100+230Vac</td>
<td>100+230Vac</td>
</tr>
<tr>
<td>Display</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N° of instruments</td>
<td>6 - 18</td>
<td>36 - 50 - 100</td>
<td>36 - 50 - 100</td>
<td>494</td>
<td>494</td>
</tr>
<tr>
<td>USB output for device connection</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Relay output</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Digital input</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAN output</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>RS485 output</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>External modem</td>
<td>analogue or GSM</td>
<td>analogue or GSM</td>
<td>analogue or GSM</td>
<td>analogue or GSM</td>
<td>analogue or GSM</td>
</tr>
<tr>
<td>Internal modem</td>
<td>analogue or GPRS</td>
<td>analogue or GPRS</td>
<td>analogue or GPRS</td>
<td>analogue</td>
<td>analogue</td>
</tr>
<tr>
<td>FUNCTIONS</td>
<td>XWEB300D EVO</td>
<td>XWEB500D EVO</td>
<td>XWEB500 EVO</td>
<td>XWEB3000 EVO</td>
<td>XWEB5000 EVO</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>--------------</td>
<td>--------------</td>
<td>-------------</td>
<td>--------------</td>
<td>--------------</td>
</tr>
<tr>
<td>RS485 line check</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Parameter programming</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Overview function</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Data export in Excel® format</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Graphics</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Circular graphics</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Real time graphics</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Global commands</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Global trend in alarm conditions</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Alarms on XJR40D module</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Backup/restore configuration and data</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>XCenter</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Daily export module</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Layout function</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Scheduler function</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Performance meter</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>HACCP report print-out in pdf format</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>CRO module</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Local print function</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Dew point module</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Supervision module</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>