

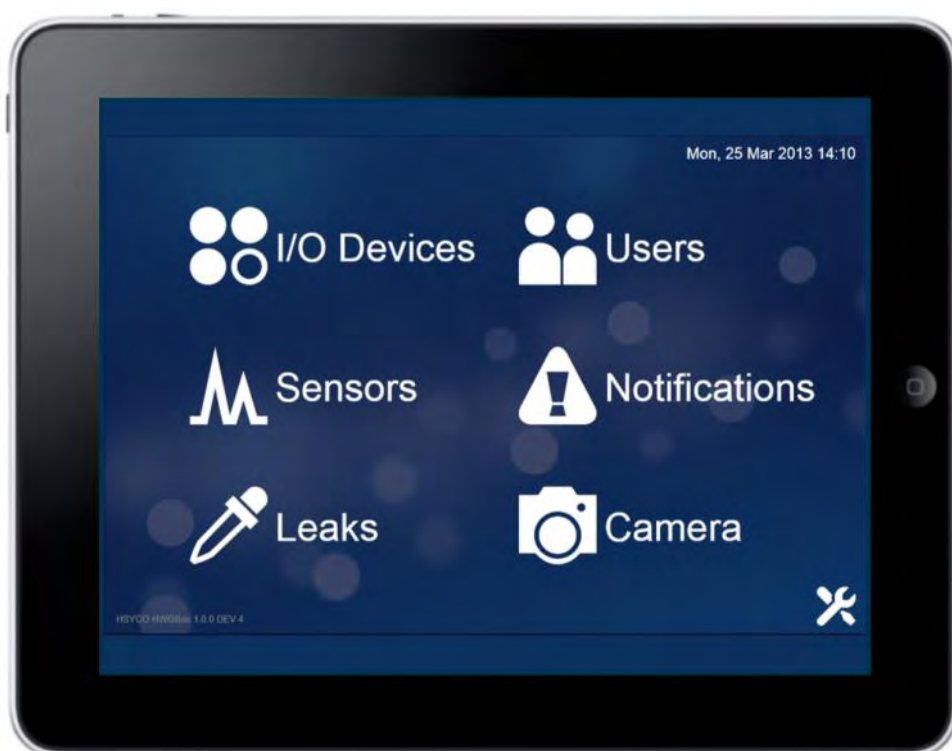
HSYCO HWg

Remote control and monitoring

HSYCO HWg works as a portal to a wide variety of device types from HW-group by collecting real-time data from your network connected monitoring equipment. The HSYCO HWg user interface looks and works like a smartphone or tablet app. However, HSYCO HWg is web based. Clever programming provides the same speed and user experience as if you were using a locally installed app. HSYCO HWg runs on a dedicated small web server, delivered pre-installed with a framework developed especially for the purpose of monitoring and controlling equipment from HW-group.

HSYCO HWg supports most analogue and digital HWg devices including the unique dedicated water leak detector; HWg-WLD. Many views and controls are available. You can even set sensor alert levels directly from HSYCO HWg. You do not have to access the device's IP address to do basic configuration of the devices.

In addition to supporting equipment from HW-group, HSYCO HWg also allows you to access one or more cameras connected to your network. We are presently not aware of any other solution which can combine camera monitoring and control with HWg monitoring and control from the same application.



HSYCO HWg introduction

HSYCO HWg supports a wide variety of HW-group products connected to your network.

HSYCO HWg allows remote access to your monitoring environment, providing you with a means to view and control all monitoring devices and sensors from one single web address.

HSYCO HWg is based on the widely used HSYCO building automation solution. The HSYCO HWg application is designed in a cooperation between Home Systems Consulting from Italy and Danish HWg and HSYCO distributor; Team Mobbis.

HSYCO HWg is delivered as a combined hardware and software solution. Specially designed web sites for data presentation, device and sensor controls, streaming video presentation and general administration comes pre-installed.

Only a few administrative tasks need to be made to get started.

What can be connected?

HSYCO HWg is designed to support devices from HWg. In addition HSYCO HWg supports connections of one or more video surveillance cameras and a GSM modem.

Depending on the licence and the provided hardware, HSYCO HWg can support from 6 to almost endless numbers of HWg devices and cameras.

There are no limitations in any of the licenses to the number of users of the solution.

The following device types are supported:

HWg-STE

A device with support of limited number of sensors for measuring of temperature and/or humidity. (A device version with digital inputs is also available).

HWg-WLD

A water leak detector with a wire based sensor with a length of up to 80 metres.

Poseidon

Devices with analogue and digital inputs. More sensors than the HWg-STE.

Damocles

Devices with a high number of digital inputs and relay outputs.

I/O Controllers

Devices with digital inputs and relay outputs.

Supported devices by other manufacturers

GSM modem can be connected to provide SMS alerts.

Surveillance cameras from different brands are supported. Cameras from AXIS are recommended.

Control and security

HSYCO HWg is accessed from a browser using a secure SSL connection. By default, the pre-

defined web sites are customized for tablet/PC's and smartphones.

Logon to the system is protected by a 5 digit PIN code. For security reasons, at the first logon from a device, a 14 digit PUK code is required in addition to the PIN code.

The HSYCO HWg home page consists of a touch optimized menu with the following menu items (See the illustration on the front page of this fact sheet).



Menu: I/O Devices

Overview of all digital inputs and relay outputs. An alert tic-mark can be set in order to activate an email and/or SMS text notification alert, when an input or output connection is switched on or off. When activated the connection name turns red. Relay outputs can be switched on and off manually i.e. turn light on.

Menu: Sensors

Overview of all analogue sensors. Selecting a sensor will show a graphical presentation of the sensor for the current day, the current month, or the current year. An alert tic-mark

alerting. A week schedule is available for each user. SMS alarms require a GSM modem. Hot Tip: The same user can be registered more than ones, whereby the user can be set to receive emails alarms in the daytime and SMS text alarms in the night time.

Menu: Notifications

The notifications menu provides an overview of the broadcasted alarms (log). The log can be sent as email.

Menu: Camera

This entry lists all connected cameras. A selected camera will display a live streaming image from the camera. If a connected camera supports Pan/Tilt/Zoom, buttons for these functions will automatically be made available.



can be set in order to activate an email and/or SMS text notification when defined upper and a lower limits are reached. The defined limits work independently of settings made in the device itself. An alarm situation turns the sensor name red. **Menu: Leaks**

Overview of connected water leak detectors. An alert tic-mark can be set in order to activate an email and/or SMS text notification in case of a water leak. An alarm situation turns the sensor name into red.

Menu: Users

You can create the number of users you need. Each user is registered by name, email address and/or mobile number to be used for

Menu: Tools

The tools menu gives access to an overview of all connected sensors with the ability to rename the devices to more meaningful names, such as the name of the location.

The tools menu also gives access to an intuitive method of logical interlinking of available in- and outputs, so that a relay e.g. can turn on the lights when a door is opened.

Hardware

Specifications on supplied hardware depends on the selected license. HSYCO HWg is always delivered pre-installed on a computer, to secure that the allowed number of supported devices in a license, comply with the delivered hardware.

HSYCO HWg international contact:



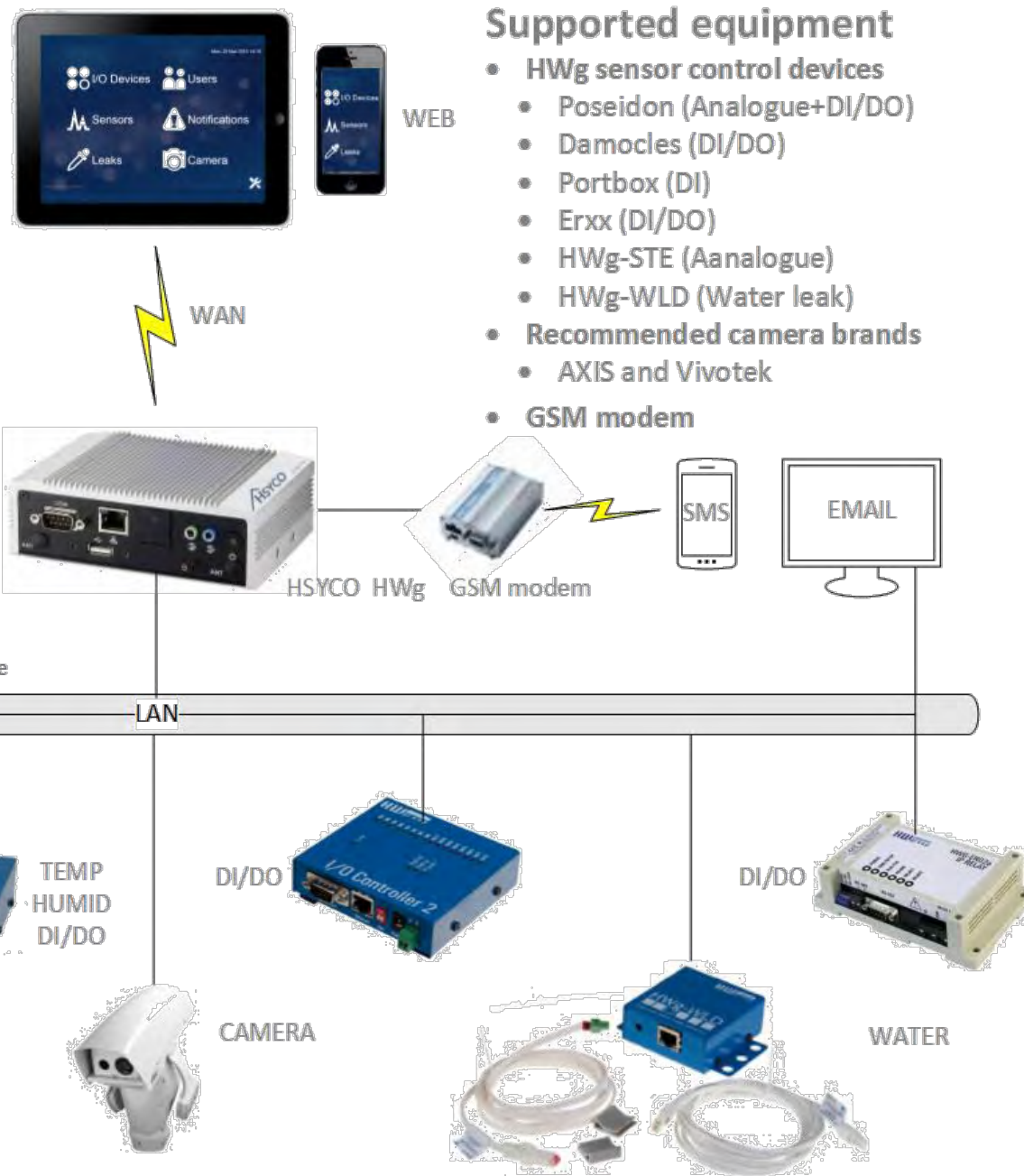
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HSYCO HWg features

- Build in web server
- Collect HWg device data over network
- Support from 6 to 49 HWg HWg devices*
- Unlimited sensors per HWg device
- Support up to 10 video cameras*
- Optional GSM modem for SMS alerts
- Build-in weekly duty plan for email and SMS Alerts to unlimited number of alert receivers
- Build-in alert log (can be emailed)
- Supports "scenarios programming" (i.e. input on one device can activate relay on another device. (Open door = lights on)
- Connected sensors and cameras can be viewed and controlled from any smartphone, tablet and PC/Mac

* Support for more HWg devices and cameras can be made available



Supported equipment

- HWg sensor control devices
 - Poseidon (Analogue+DI/DO)
 - Damocles (DI/DO)
 - Portbox (DI)
 - Erxx (DI/DO)
 - HWg-STE (Aanalogue)
 - HWg-WLD (Water leak)
- Recommended camera brands
 - AXIS and Vivotek
- GSM modem