

WEBBITER - BUILDING CONTROL VIA WEB-BROWSER

Frequently Asked Questions

What is SyxthSense WebBiter?

WebBiter is an embedded web-server that allows access to plant information via a standard web-browser. WebBiter stores the graphical html-pages in its memory, and no other equipment is required to provide front-end solution.

Does WebBiter Show Live Values?

Yes. Live updated values are showed in the browser using AJAX latest internet push technology. The data is displayed real-time.

Does WebBiter Provide Alarming?

Yes. WebBiter can interrogate plant status signals for alarms or generate alarms from plant measurements. Alarms are transmitted via email and/or via a text message to a mobile phone.

Does WebBiter Provide Historical Logging?

Yes. Up to 60 points can be logged into the WebBiter memory. The number of stored samples is dynamically calculated based on the data logging interval. The data logs are available as a graphical trend or a CSV-file for further analysis.

How Does WebBiter Connect to Ethernet/Intranet?

WebBiter is built-in RJ45 jack (Ethernet Connection Socket) for the TCP/IP connection. Standard network cables can be used to connect WebBiter to the computer network. WebBiter can be configured for either static IP addressing or Dynamic IP Addressing (DHCP).

Does WebBiter has Security Access Levels?

WebBiter has four security levels for the access. Each user account is allocated with username and password to prevent unauthorised access.

What TCP/IP Communication Ports are required to be opened for WebBiter?

WebBiter has built-in embedded web-server. The web-server communicates with the outside world via Port 80 for graphical html-pages. Alarms require connection to SMTP mail-server via Port 25. The web-server Port can be changed if required.

How Much TCP/IP Bandwidth does WebBiter Use?

WebBiter only transmits data when a web-browser requests the values from the built-in web-server, or WebBiter's in-built alarm handler sends an email. Alarm email is text-based and requires only few kilobytes bandwidth. Web-browser graphics/values are transmitted via Port 80 to the Web-Browser. The size of graphics pages is typically 10s of kilobytes. Therefore the bandwidth requirement is minimal.

Can WebBiter be Programmed Remotely?

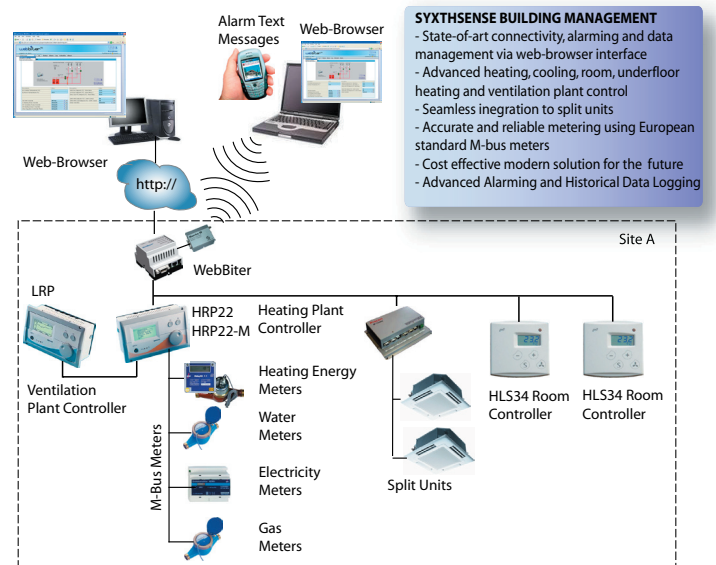
Yes. WebBiter can be programmed anywhere in the world through web-browser through a password protected connection.

What Products does WebBiter work With?

WebBiter communicates to controllers using Modbus protocol. WebBiter has been tested with SyxthSense HRP/LRP, HLS34 room controller, FCU-MULTI controllers, MOD-AI8 and MOD-DI16 IO-modules, and with FLTA wireless receiver (wireless sensors) making it ideal for any type of application.

How Easy is the WebBiter Page Programming?

WebBiter page programming is done using templates. Templates allow the programming to be done without the need to know the Modbus addressing making the configuration very easy. Templates are available on the SyxthSense web-site for the commonly used Modbus devices.



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