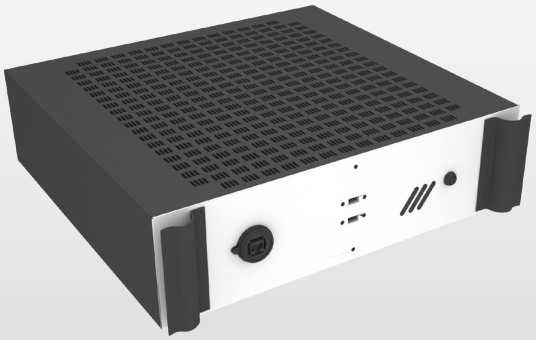
AMS

Active Microwave Sensors



HUB | Connect the AMS devices to the DCS/QCS (and to the WEB)

REMOTE CONNECTION 1

IMPROVING EFFICIENCY 2

MAXIMUM FLEXIBILITY 3

AMS HUB

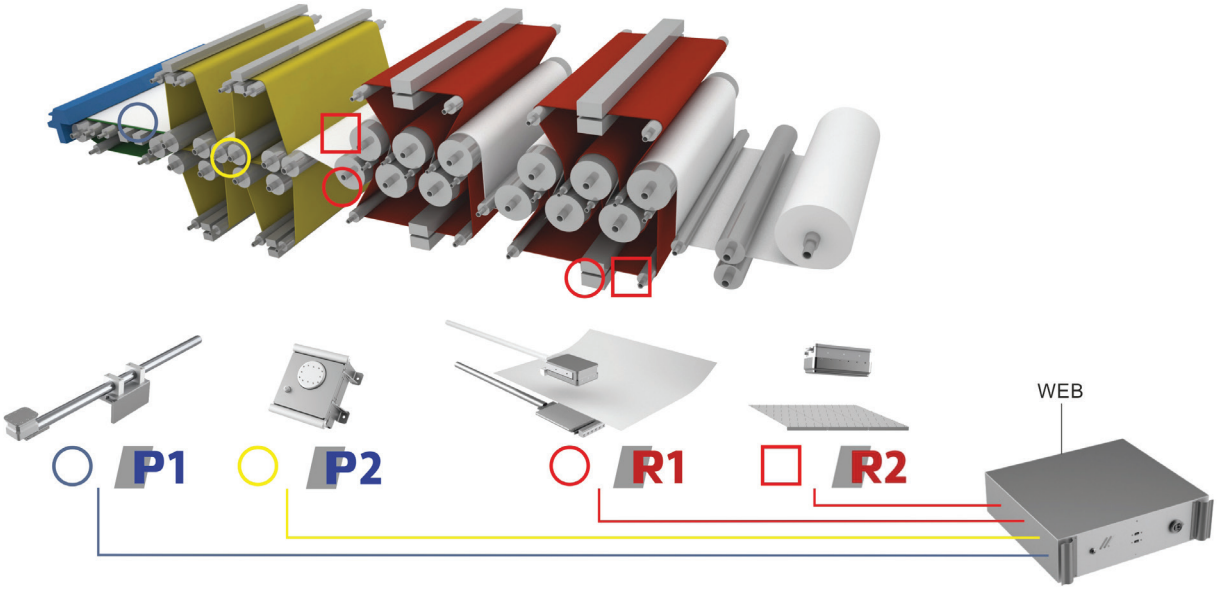
Multiple AMS sensors provide a complex set of parameters giving important information on the paper/pulp production.
The AMS HUB connects AMS sensors either to the DCS/QCS via an analogue connection or digitally to the internet providing a direct internet connection for each measuring device.

The AMS HUB has a large data storage capacity as well as the processing ability to extract relevant information from the data acquisition.

The remote connection from the HUB allows great application flexibility with simple diagnosis and maintenance procedures.
Using this remote connection, the AME maintenance personnel are thus able to verify the correct behaviour of each sensor directly from home, in a few seconds.

Mains features

- Historical analysis on multiple data.
- Internal memory can store a big amount of data
- 3d graphic of water content an permeability in felts
- 3G modem for flexible internet connection.
- FFT analysis.
- Remote access and maintenance.
- 3d graphic of water content on tha paper & pulp sheet.

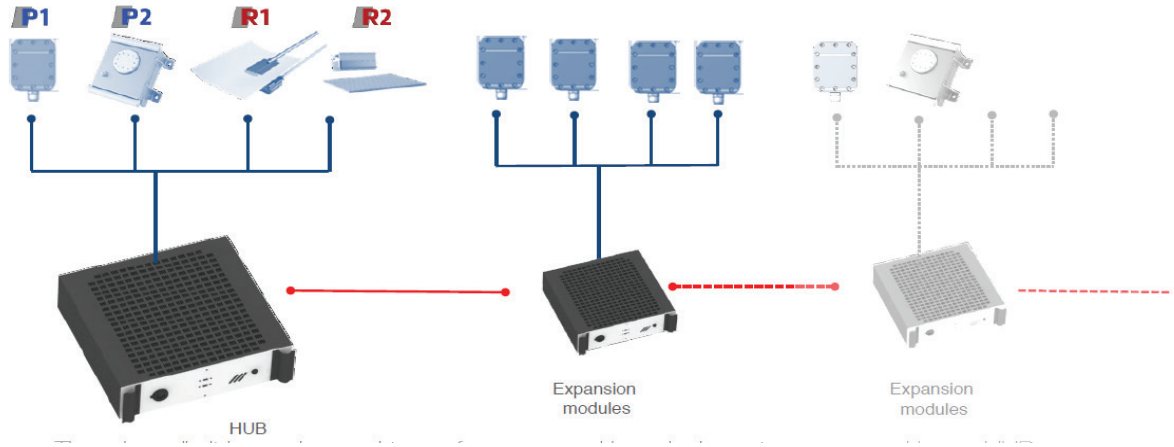


Flexible configuration

Each HUB can manage up to 4 sensors but a HUB expander can be installed to extend the sensor network to the number of sensors needed by the customer.

The HUB can be completely configured from the AMS control panel.

The AMS HUB can be seamlessly connected to the DCS/QCS via simple analogue 4-20 mA signals.

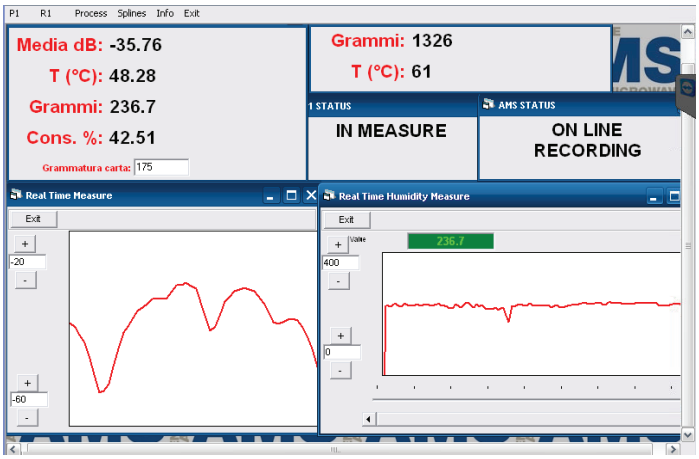


Data analysis with the AMS manager

Every AMS sensor connected to the AMS HUB provides high speed digital output to the AMS HUB by using a robust industrial-grade connection.

The AMS HUB has an internal UMTS router in order to connect to it remotely from the internet and:

- View real time data from each sensor on your laptop or smartphone
- Modify sensor parameters and settings
- Save measurement files
- Check a sensor's status
- Update the software



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