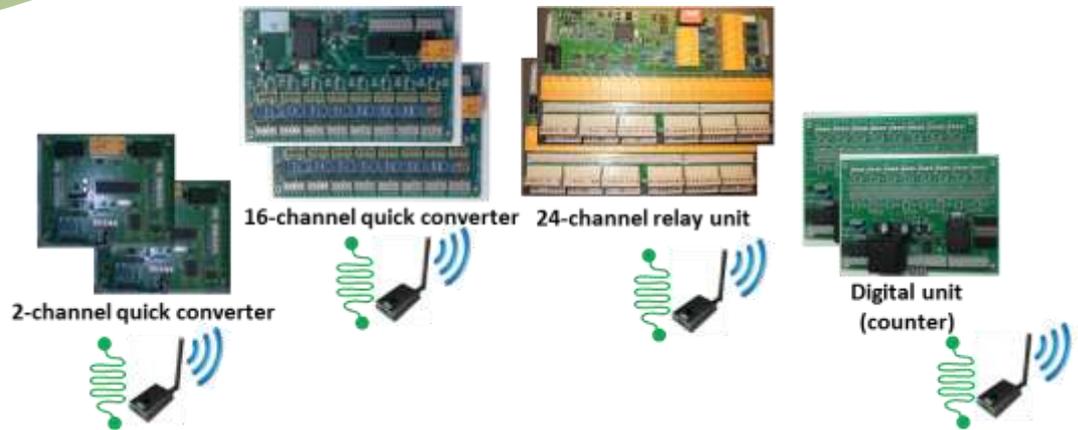


READ *Remote Electronic Automation Device*



The new READ (Remote Electronic Automation Device) recently developed by Agisco includes several types of units that are interchangeable on the same serial line (bus) by employing a single communication protocol.

This suits any request for custom-made monitoring systems allowing further implementations if needed.

Our new Remote Data Logger may connect any of the system's units by integrating both data transmission technologies: serial RS-422 cable connection and/or Agisco's W-PAN (Wireless Personal Area Network) radio link. Both options may coexist to optimise the READ's performances from any point of view: technological, economical, or ease of installation.

Each unit may read several types of signals such as current, voltage, strain-gauges, thermistors, PT100, digital input, etc.

By means of Windows or Linux PC, in their minimal configuration and consumption, any data from every connected unit are acquired and stored thanks to specifically developed software.

PCs may have a peripheral or remote location: a modem will manage data reading and processing.

Data can also be managed by a web app specifically developed by Agisco called OVERSITE.

The speed of data acquisition may range, depending on the scanner in use, from one reading per day through to 100 readings or more per second for each channel.

Agisco READs are all low power consumption. When the system is operated from internal batteries or powered by solar panel the units can be switched on only at pre-set intervals for improved operating time.

In its radio link configuration, each modulus with Agisco W-PAN protocol is equipped with 4 input channels for analogue signals, 4 channels for digital input and 4 digital output channels for the gauges power supply management.

The consumption of Agisco W-PAN units is so low as to allow operating time of 1 to 5 years.

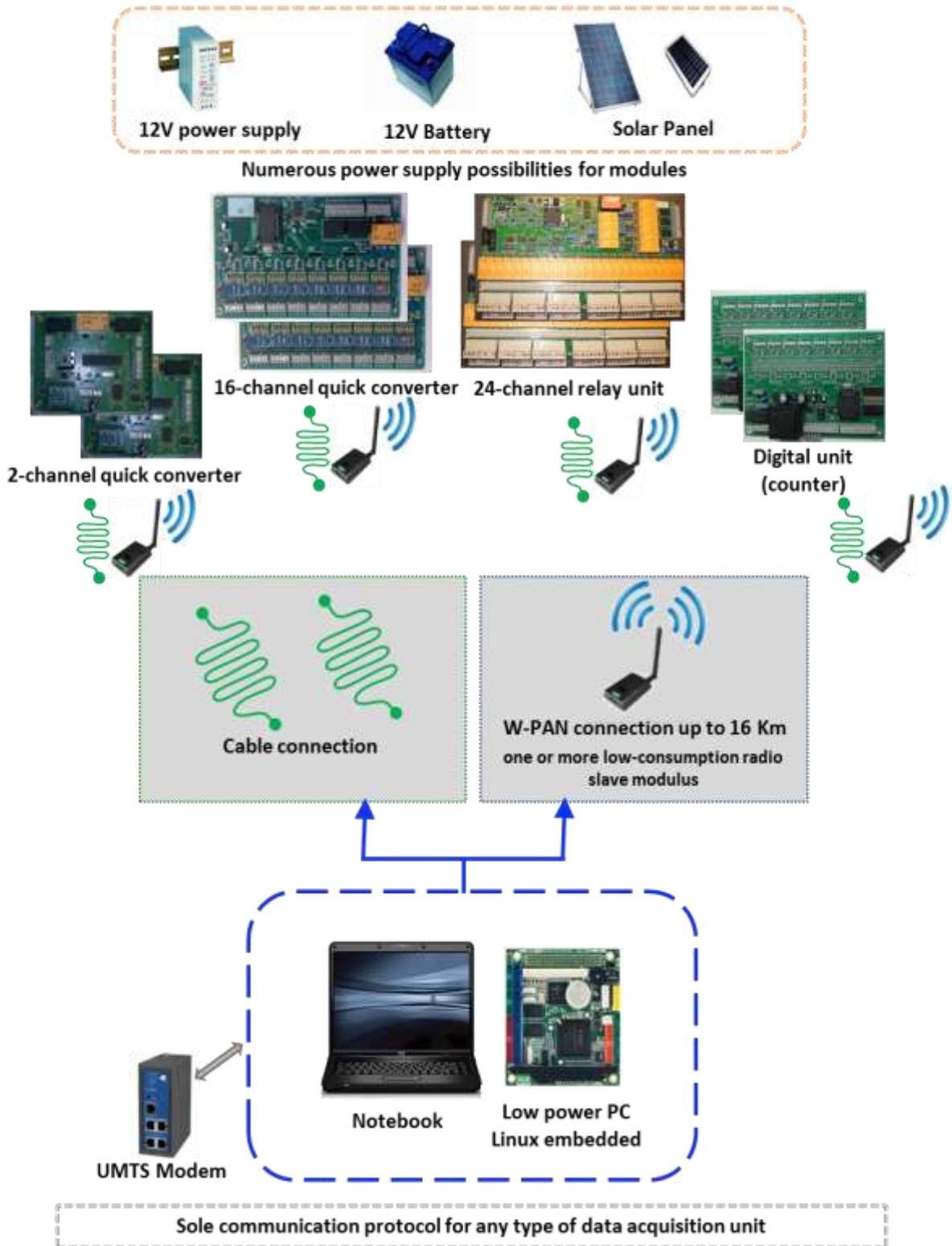
Modules are equipped with several serial interfaces for further extension of the monitoring system by simply adding one or more modules according to requirements.

In difficult environments because of unusual electromagnetic fields, such as in urban areas, the same W-PAN modulus may be used as transceivers to broaden the system's operational distance.

READ - Data Acquisition Device



Cable and/or W-PAN radio link connection diagram



Agisco reserve the right to change their products and specifications without notice

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