

Depth probe reading

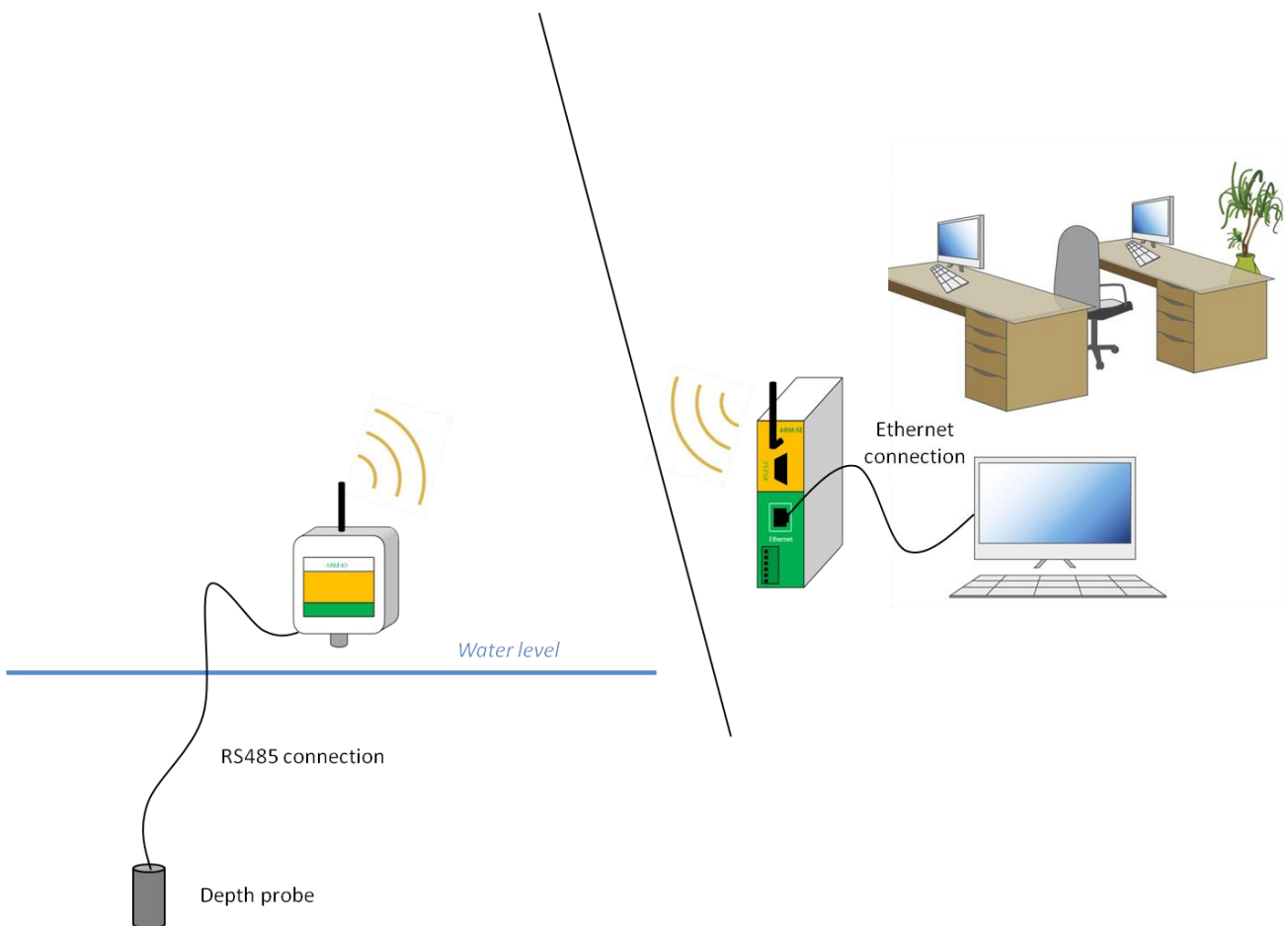


Objectives:

- Transfer a depth data from a probe

Products:

- ARM-IOA
- ARM-SE



Application:

In many fields, it is important to calculate a depth (a river, a lake, a tank, etc.). Our radio modems are often used in this kind of applications, and the low power version is even more useful on isolated sites, with no electricity.

The probe transmits a 4-20mA signal to an ARM-IOA modem, which is then sent to an ARM-SE connected to a PC with an Ethernet or RS232 connection.

Configuration:

In Ethernet connection, the ARM-IOA must be configured in Modbus RTU slave. The ARM-SE must be configured in Modbus TCP master and make the bridge between RTU Modbus and TCP Modbus. The Ethernet connection advantage is the possibility to put the information directly on a network and to access it locally or via Internet.

In serial connection mode, the ARM-IOA must be configured in RTU Modbus slave and the ARM-SE in serial transparent mode.