

# Sistema TERA

## Repeater TTR 2.



The repeater is an element designed to increase the system range, i.e. connection between the central unit and other elements (probe, actuator) where the signal is weak at direct connection. This may happen in a free space at a too long distance. The range in buildings depends particularly on the building material (walls, partitions, floors, etc.). For example, in the case of a reinforced concrete skeleton, which represents efficient shielding, a problem can occur even at very short distances.

The repeater contains a radio module and microprocessor and it only repeats (retransmits) received data in both directions. It is also supplied from a lithium battery which is sufficient for approximately 1 to 2 years of operation..