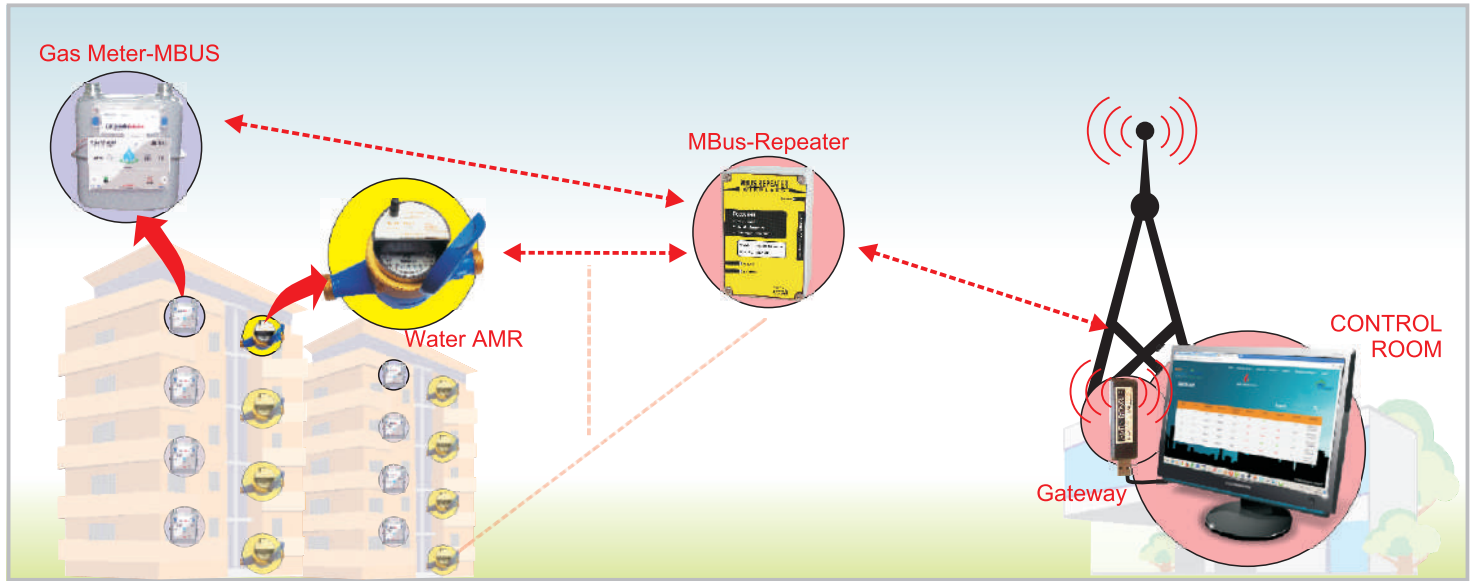


OVERVIEW



The Metering Bus (or in short "M-Bus ") is a field bus specialized for transmission of metering data from gas, electricity, heat, water or other meters to a data collector. It is described by European Norm (EN 13757).

Repeater is an intermediate device that acts like a bridge between AMRs and PC/Server for data collection process.

Wireless meter readout (Radio meter reading for operation in the 868 MHz to 870 MHz SRD band)

It includes the Physical and the Data Link Layer for wireless devices. It corresponds to specification EN 13757-2 for wired communication.



FEATURES

- Compact in size
- Embedded Wireless M-Bus protocol supporting EN 13757-4:2005 mode S, T and R2
- Ultra low power modes for extended battery lifetime
- Unidirectional
- IP 65 Protection
- Can read up to range of 300 m at line of sight.
- Conforms with EU R&TTE directive (EN 300 220, EN 301 489, EN 60950)
- Designed for EX compliance

TECHNICAL SPECIFICATIONS

Feature	Specification
- Antenna	High gain antenna
- Devices	Up to 100
- Display	2 LEDs
- Range	Up to 300 m (Line of sight)
- RF Sensitivity	T Mode: typ. -100 dBm
- RF output power	16 dBm
- Frequency band	T mode, 868.03 MHz
- Supply voltage	220 V AC (+/- 10%)
- Display	3 LED for function
- Weight	180 grams
- Power consumption	50 mA
- Operating Temp	-40 to + 85 °C
- Dimensions (L x B x H)	80 x 120 x 55 (mm)

MECHANICAL DIMENSIONS

