

Wireless temperature Hub

WGATE-POD-EMS



Description

Fuji Electric France introduces a data logger system dedicated to gather lot of remote sensors (temperature...)



Metering



Industry



Energy



Smart building



Smart City

Measurement of analogical, digital, temperatures and meter index values.

EASY TO USE

Fuji Electric France made this system to allow you to install it in very few minutes : it is easy to handle from installation up to the data consumption, no PC software is required, the touch panel helps you :

- * Discover automatically the transmitters
- * Reception level is displayed
- * Transmitters could be tagged
- * To avoid loss you can move the receiver instead of the antenna
- * Lifetime of transmitter's battery is displayed

AUTONOMOUS

POWERFUL

FREE RADIO COMMUNICATION

The performance of this system allows constant and lasting operation: transmitter's lifetime is up to 10 years, the distance could be up to 600 m.

Data file could be downloaded using USB or FTP. Life data could be accessed using Modbus RTU/TCP.

CAPABILITY

Fuji Electric France may customize this system to fit your requirements (sending data files automatically with M2M, pushing live data to a dedicated server, integrate your products...).

SUSTAINABILITY

Fuji Electric guarantees the sustainability of its products, hardware and software, so that you're completely autonomous for very long time.

Fuji Electric France S.A.S.

■ Technical specifications

Transmitters

| | |
|--|--|
| Maximum number of sensors | 60 (7 inches) or 120 (10 inches) (please contact us for more) |
| Maximum range without repeater (in open space) | 600m |
| Battery's lifetime | 10 years with data rate at 10 minutes (depending on operational temperature) |
| Sensors type | Analog input: 0-10V, 4-20mA, 0-5V |
| | Pulse input (for gas, water, electricity counters...) |
| | Temperature |
| | Digital input |

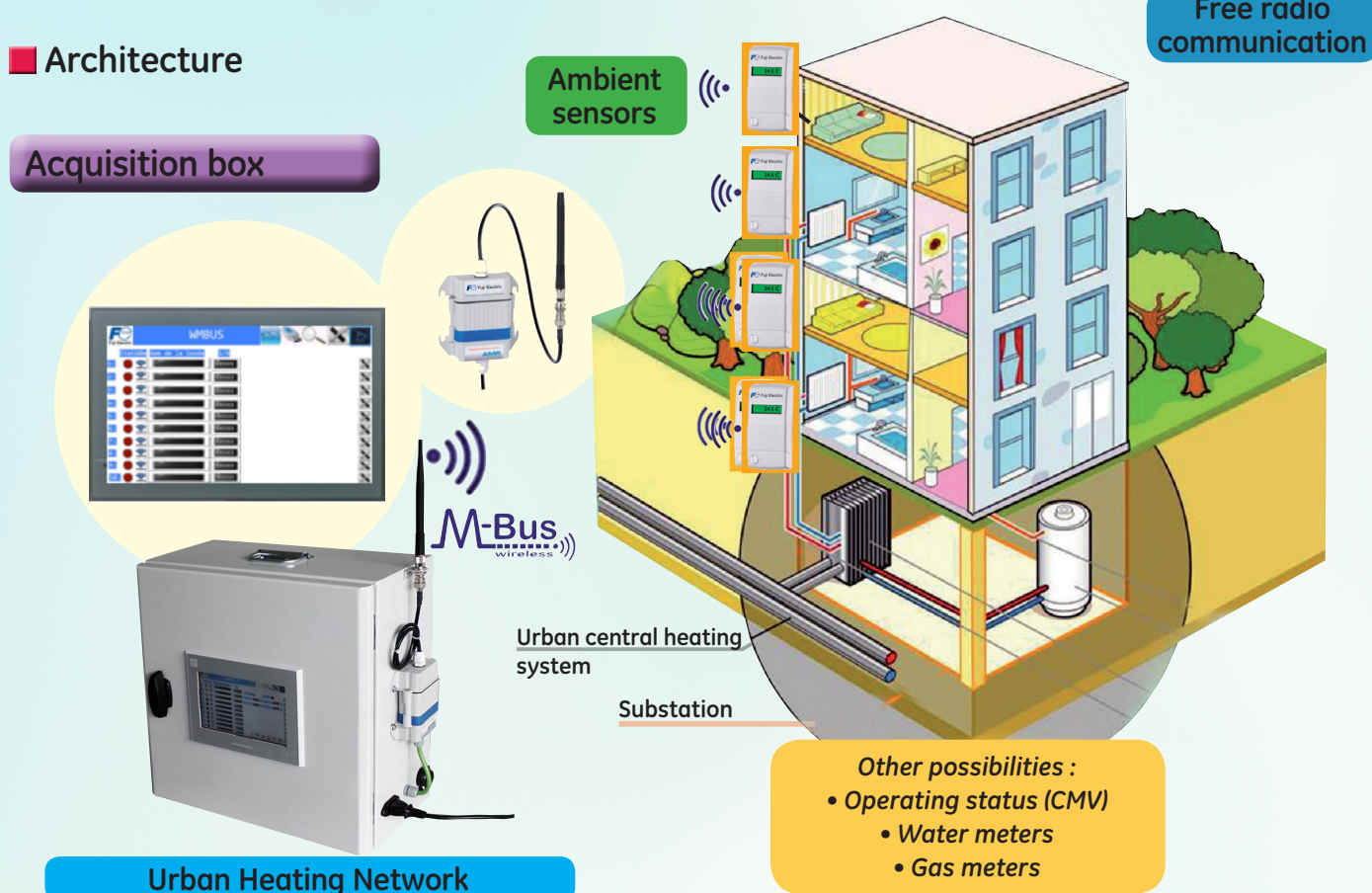
Acquisition Box

| |
|---|
| Touch panel (7 inches or 10 inches) |
| Measures and datas available with Modbus RTU / TCP |
| Reception level of each sensor is displayed |
| Wizard to show you all sensors |
| Sensors should be tagged |
| Sensor's alarm and default managing |
| Measures are stored in CSV files available using USB or FTP (10 inches model) |

WARNING: this system is based on 868MHz radio. Please check this band is legal and free if outside of Europe.

■ Architecture

Acquisition box



Fuji Electric

Fuji Electric France S.A.S.

46 rue Georges Besse - ZI du brézet - 63039 Clermont ferrand

Tél : 04 73 98 26 98

Fax : 04 73 98 26 99

Mail : sales.dpt@fujielectric.fr web : www.fujielectric.fr

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