



WIRELESS SYSTEM⁺ PLUS⁺

Monitoring **multiple process** sensors
in a **single system**

- FLEXIBLE AND COST-EFFECTIVE SYSTEM (NO CABLES AND INSTALLATION COSTS)
- MONITORING OF DIFFERENT ANALOG SIGNALS
- SCALABLE SOLUTION (UP TO 55 TRANSMITTERS PER GATEWAY)
- AUTOMATIC MESH NETWORK MANAGEMENT
- EASY TO INSTALL AND CONFIGURE
- REMOTE ON/OFF

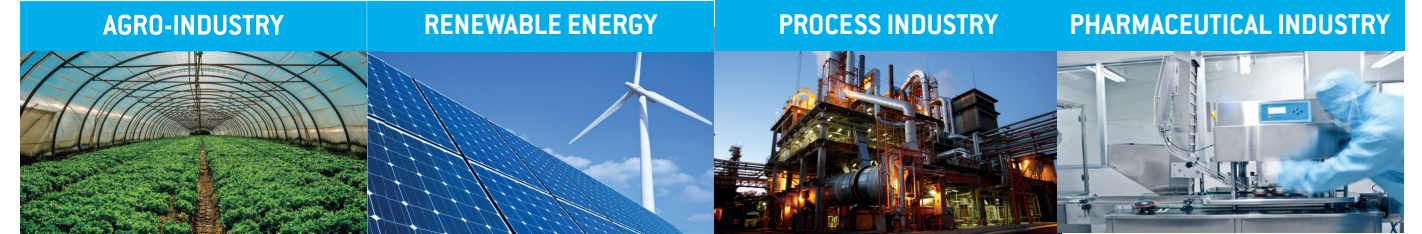
WIRELESS SYSTEM⁺ PLUS⁺

Connect your sensors of choice to our wireless network and benefit of an easy and fast cable replacement solution.

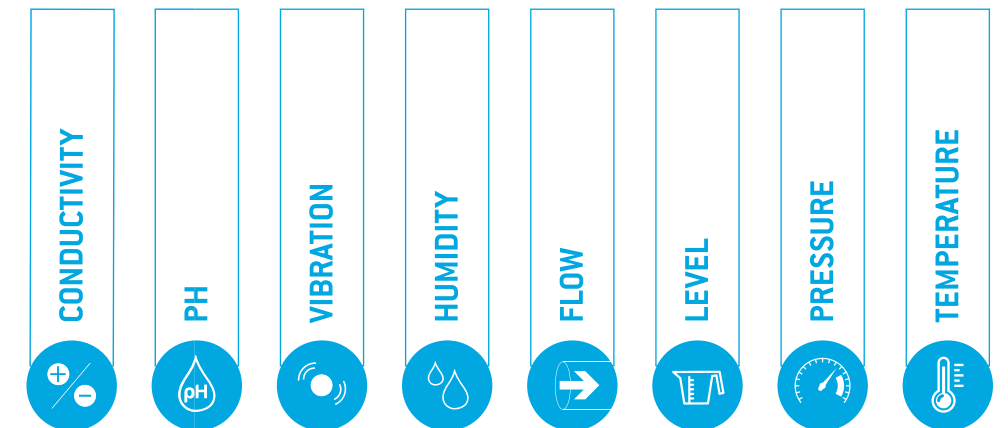
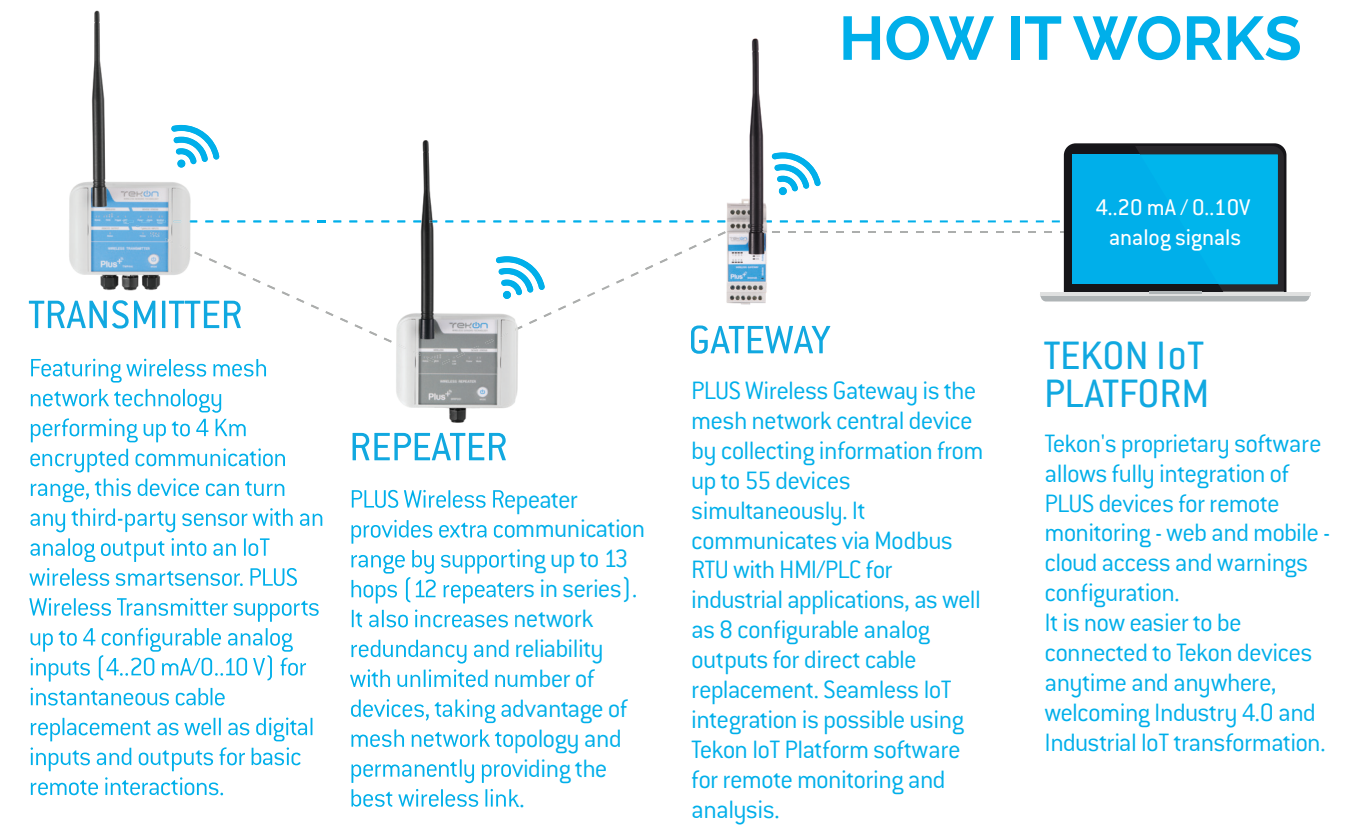
- 4 configurable analog inputs (0..20 mA or 0..10 V) providing cable replacement features;
- 3 configurable digital outputs: generic, RF link lost indication and external power control;
- Configurable communication period and/or event trigger via digital input;
- Up to 4 Km communication distance (LoS) with 868 MHz and 128-bit AES encryption;
- Multi-hop mesh network with self-forming, self-healing and self-optimizing features;
- Internal temperature, battery voltage and wireless link quality (RSSI) monitoring;
- Extreme operating temperature range -30°C to 80°C and IP65 protection;
- Simple and intuitive USB configuration via Tekon Configurator (free software).



TYPICAL APPLICATIONS



HOW IT WORKS



POTENTIAL **SENSORS**

TEKON ELECTRONICS

a brand of Bresimar Automação S.A.

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Connecting Things!

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