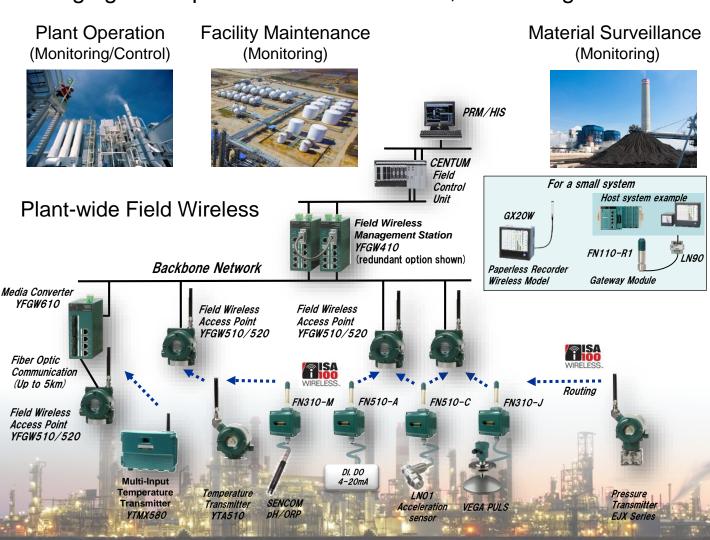




Field Wireless Product Profile

Reliable and scalable field wireless network infrastructure with a variety of sensors offers the perfect solutions ranging from operation to maintenance, monitoring to control.



Main features of Yokogawa Plant-wide Field Wireless infrastructure:

- Typical communication range of 500 meters with line of sight
- Up to 500 sensors can be accommodated
- Fastest data update period up to 0.5 second
- Extended communication range of more than three kilometers with repeaters
- Battery-powered transmitters and adapters
- · Battery life up to 10 years
- Path redundancy and mesh network, improving communication reliability

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http://www.field-wireless.com/





This product can accept measurement from thermocouples (8 types) or RTD signals (3 types). The two input model can measure and process each input independently. Extension coaxial cable allows flexible antenna installation

Multi-Input Temperature Transmitter / YTMX580

YTMX580 can accept up to 8 points of measurement from thermocouples (8 types) or RTD signals (3 types). It can also accept DC voltage, resistance, and 4 to 20 mA DC signal input.

Powered by 2 x D Size batteries(2) Update Period: 1 to 3600 seconds

update time

·Battery Life: 6 years with 60 second update time

(1) An international, industrial wireless standard (IEC 62734) engineered to serve the needs of process industries (2) D size Lithium Thionyl Chloride battery. The battery pack is replaceable in hazardous area.

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[Ed : 03]