





Wireless & IoT
Product 2021



Wireless and IoT content

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transmission using a transmiss

Networking signals within plant territory day Wireless Nemork Box

We, Pride Technologies was founded in 2015 and emerging as global leader in digitalizing industrial process for industry. We provide innovative products, end-to-end services and solutions in Wireless, IoT and cloud technology. Armed

with large team of experts in designing, application development, integration and execution.

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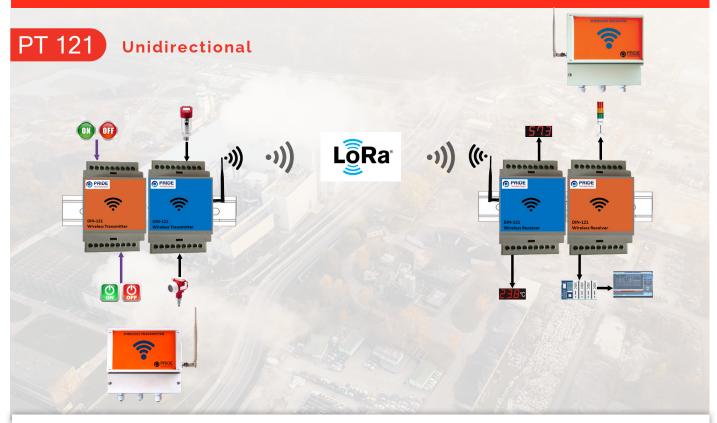
Digitalisation Improves

Manufacturing Responsiveness

Efficiency

Quality

WIRELESS I/O's

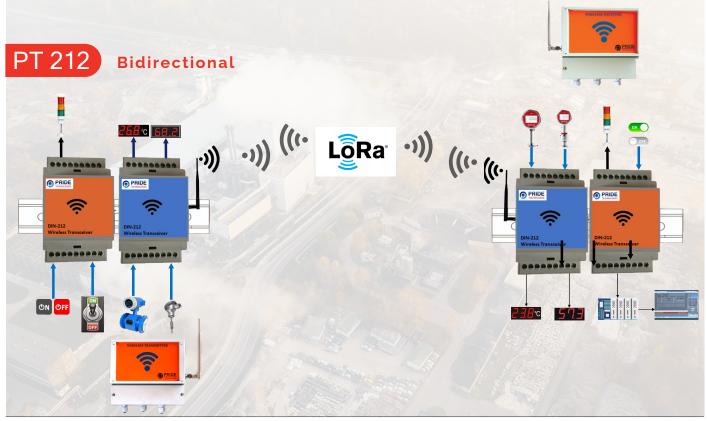


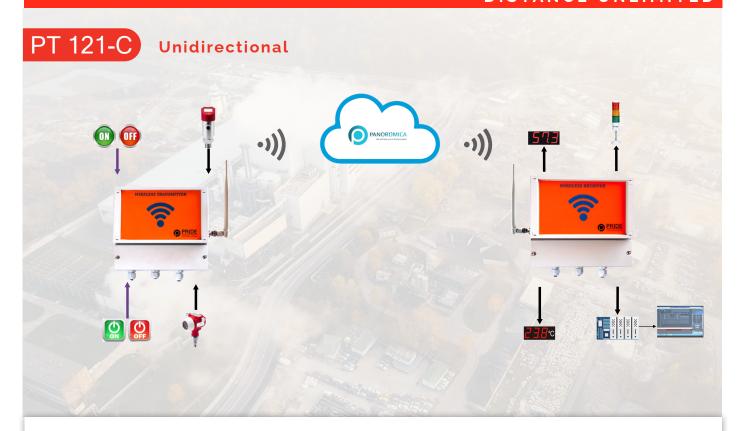
Point-to-Point Wirelss I/O's

- LoRa Technology
- Long Range 10kms and beyond
- Bi-Directional transceiver system
- Compatible to all I/O interfaces

Benefits:

- ❖ No signal wiring thus reduce cabling and maintenance cost
- Reducing inventory on spares and field work
- Making Intelligent existing devices
- Quick Access to controls



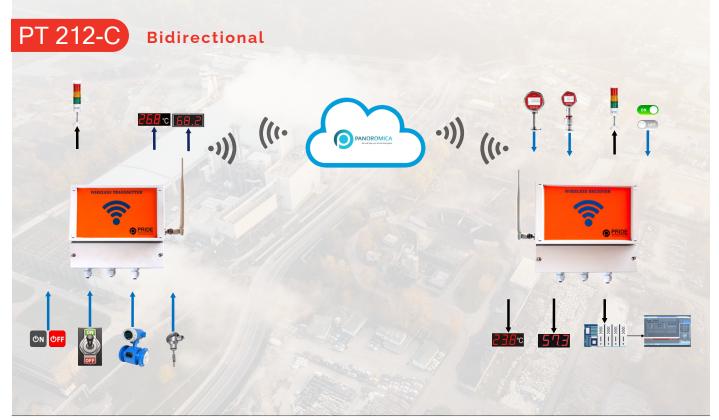


Point-to-Point IOT I/O's

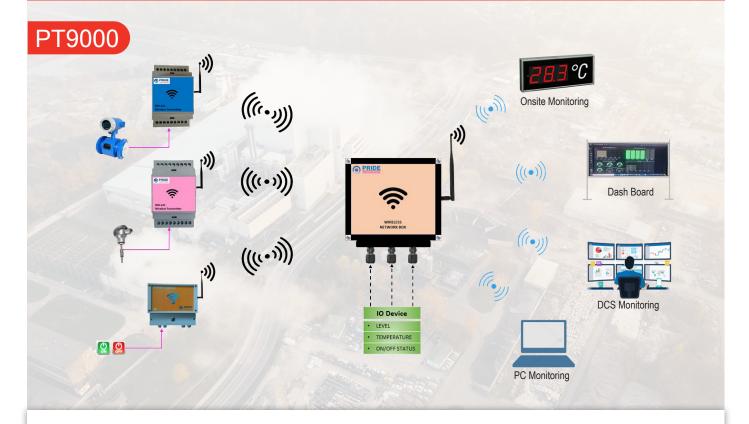
- GSM Technology
- Unlimited distance coverage
- Compatible to all IO interfaces

Benefits:

- Making Intelligent existing devices
- No signal wiring thus reduce cabling and maintenance cost
- Access anywhere any time
- Android and IoS mobile compatibility



WIRELESS NETWORK BOX



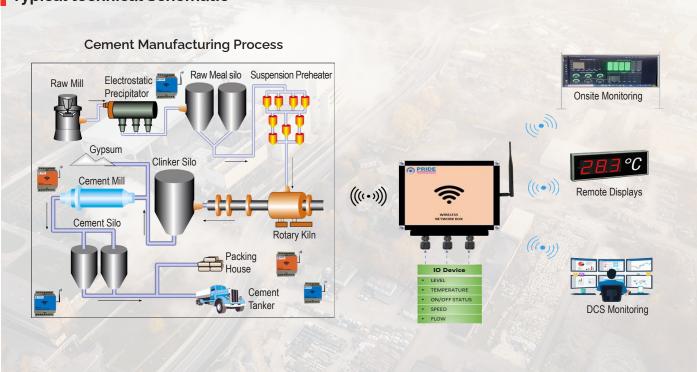
Point-to-Point IOT I/O's

- GSM Technology
- Unlimited distance coverage
- Compatible to all IO interfaces

Benefits:

- Making Intelligent existing devices
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- Access anywhere any time
- Android and IoS mobile compatibility

Typical technical Schematic



IOT CLOUD BOX



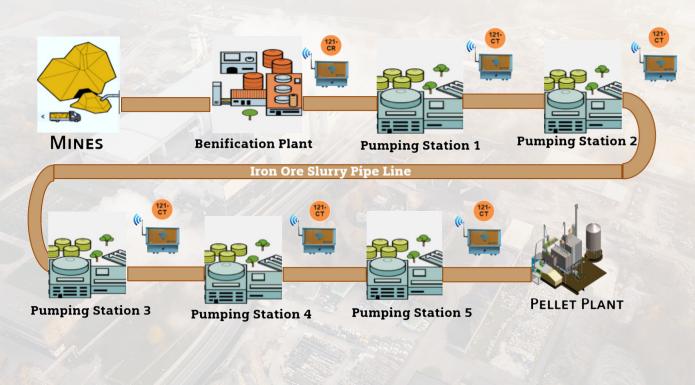
Point-to-Point IOT I/O's

- GSM Technology
- Unlimited distance coverage
- Compatible to all IO interfaces

Benefits:

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Typical technical Schematic



WIRELESS IO TRANSMISSION LoRa . LoRa . **Technical Specification** RF Frequency: 856-868 MHz Mobile Network: 4G/5G No of Channel: 1.2.4,8,16 Analog Input/Output: 0-20mA or 4-20mA Digital Input/Output: 24 dc or NO/NC Distance transmission with Clear Line of sight upto 5km No limit on Distance Transmission ∞ Mesh and Star Network of devices Operating Voltage: 230v ac / 24 vdc Default Transmission speed With clear line of Sight - 1 sec Operating Temperature: o-60 Deg C Humidity: 0-90%, Non condensing Enclosure: Polycarbonate Enclosure: DIN rail Protection: **IP65** Rittal Panel: Option in case of more channels



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