



# INDUSTRIAL IO LORA MODULE

IEC/EN 61000-4-2  
IEC/EN 61000-4-4  
IEC/EN 61000-4-5  
IEC/EN 61000-4-8





Industrial IO LoRa Module enables long-range wireless monitoring and control of digital and analog I/O devices in industrial environments. With secure LoRa communication technology, field data collection and remote device management become reliable, energy-efficient, and cost-effective. The module simplifies industrial automation, utility monitoring, and smart infrastructure integration by providing seamless connectivity across large areas without complex wiring.

### FEATURES

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- 8x isolated Analog Input Channel 0-10V, 0-24v, 4-20mA. 16-bit resolution & 860 SPS.
  - 4x Isolated Digital Input 24V.
  - 3x Isolated Digital Output 24V.
  - 1x Relay (NO & C).
  - Industrial Grade Design - Isolated & Protected IO & EMC / EMI Compliance.
  - Configurable Scaling factor enabling option for Analog channel.
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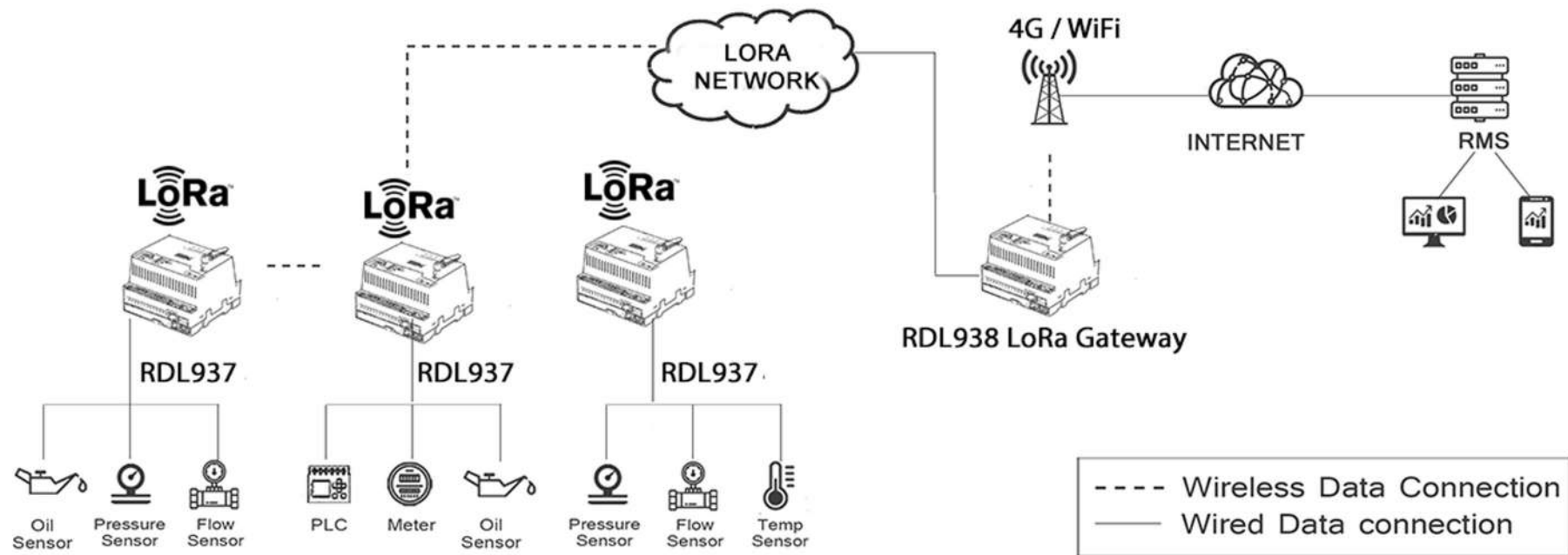
### APPLICATION

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- Remote Monitoring System(RMS)
  - Production and process monitoring
  - Utility monitoring
  - Condition monitoring
  - Environment monitoring
  - Industrial Smart grid
  - Solar grid
  - Cold storage monitoring
  - District metering
  - Water treatment
  - Generator monitoring
  - Green House
  - Warning message in case of calamities
  - Standard SCADA Applications
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### APPLICATION DIAGRAM - CASCADING LORA IO MODULE





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Note:

1. Unless otherwise specified, all parameters in this datasheet were measured at 25°C and 75% humidity.
2. All index testing procedures in this datasheet are based on our company's corporate standards.
3. We offer product customization, OEM and ODM Services; please contact the sales team @ [sales@rdltech.in](mailto:sales@rdltech.in).
4. We Ship Worldwide.
5. Specifications are subject to change without prior notice.
6. For additional information on Product and to buy online @ [www.researchdesignlab.com](http://www.researchdesignlab.com)

## RDL Technologies Pvt. Ltd.

📍 5<sup>th</sup> Floor, Sahyadri Campus, Adyar, Mangaluru - 575007 | 📞 91 8088423347 | 📞 91 824 2988407  
✉️ [sales@rdltech.in](mailto:sales@rdltech.in) | 🌐 [www.rdltech.in](http://www.rdltech.in) | 📺 [www.youtube.com/@researchdesignlab956](http://www.youtube.com/@researchdesignlab956)