COMPATIBLE THIRD-PARTY PRODUCTS

SENSORS

DIEHL
Metering

APPLICATION

The Diehl Metering IZAR system offers seamless integration with various third-party sensors, allowing for enhanced flexibility and customization across multiple applications.

FEATURES

- Integration of third-party meters: Simple management and visualization of mixed meter
- Smart Utility: Integration of further sensors such as pressure, shut-off valves, etc. for a comprehensive and simple visualization in one system
- Smart Building: The use of meters and sensors can optimize routes and easily identify energy savings.
- Smart City: Municipalities and cities can use important resources such as water, energy and working hours in a more targeted way to improve the common good.
- Smart Industry: Optimization of production processes through the use of sensors

COMPATIBLE THIRD-PARTY PRODUCTS

SENSORS

COMPATIBLE SENSORS

While the list provided here is not exhaustive, it is a reference for the sensors that can be effectively integrated into the IZAR system. These sensors can help you expand your system's capabilities, addressing different needs across industries, such as smart buildings, environmental monitoring, and safety systems.
Below are examples of compatible sensors that we recommend for use with the IZAR system:

- Room Thermostat Sensor: For precise control and monitoring of indoor or Outdoor climate conditions.
- Humidity Sensor: Measures and monitors ambient humidity levels to ensure optimal comfort and safety.
- CO2 Detector: Detects and measures carbon dioxide levels for improved air quality and safety monitoring.
- Pressure Logger: Monitors pressure levels in various environments and is suitable for industrial applications.
- Leakage Detector: Alerts users to leaks, helping prevent water damage and reduce waste.
- Smoke Detector: Provides early detection of smoke to enhance fire safety protocols.
- Motion Detector: Detects movement to enhance security and automation in smart environments.
- Parking Sensor: Assists in parking management by detecting vehicle presence in parking spaces.

COMMUNICATION TECHNOLOGIES

The IZAR system is compatible with sensors that use a variety of advanced communication technologies, enabling robust and reliable data transmission in different environments:

- mioty®: A cutting-edge, low-power, wide-area network (LPWAN) protocol designed for massive IoT deployments, offering long-range communication and scalability.
- LoRaWAN®: A popular LPWAN technology known for its long-range communication, low power consumption, and ability to support many connected devices.
- NB-IoT (Narrowband IoT): A cellular communication technology specifically developed for the Internet of Things.
- wmBus: A wireless communication standard widely used in smart metering applications, ensuring secure and efficient data transmission.

By leveraging these technologies, the IZAR system can accommodate a broad range of sensor applications, making it a versatile solution for smart metering and IoT deployments. Whether you need to monitor environmental conditions, improve safety, or optimize resource management, integrating these sensors provides enhanced functionality to meet your specific requirements.

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