Sustainable Intelligent NMS AIoT Solution

Advancing Sustainability in Connectivity

Net Zero | **Technology Integration** | **Cybersecurity** | **Intuitive WEB Report** | **ESG Energy Monitoring**

In the era of edge computing and AIoT applications, enterprises need a high-performance, secure, and flexible management platform to integrate various wired and wireless IoT end devices and massive environmental data.

PLANET Intelligent AIoT Solution

The new NMS-AIoT Application Server offers a comprehensive solution integrating energy management, wide-area transmission, and AI edge computing to deliver an efficient and secure AI private cloud network for enterprises.
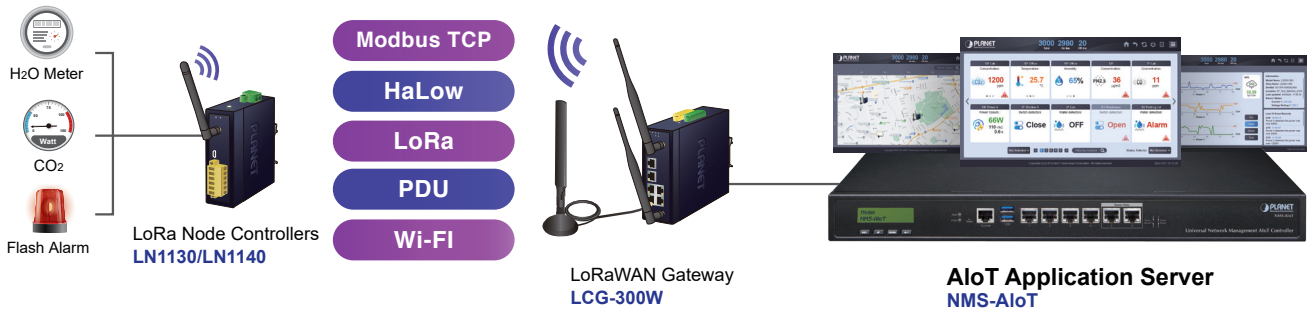
IoT Application Server

NMS-AIoT

- A unified platform integrating LoRa, Wi-Fi HaLow, Modbus, and more
- ESG energy management reporting with real-time sensor data analysis and carbon footprint reduction
- Support integration with versatile IoT devices
- Cybersecurity with IEC 62443 certificated
- Support private and PLANET cloud platform

BC Best Choice **AWARD** — Best Choice Award

BC Best Choice **AWARD** — Sustainable Tech Special Award

ESG Energy Monitoring Solution

H₂O Meter

CO₂

Flash Alarm

LoRa Node Controllers
LN1130/LN1140

- Modbus TCP
- HaLow
- LoRa
- PDU
- Wi-FI

LoRaWAN Gateway
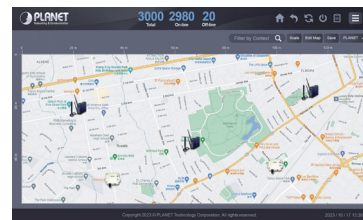**LCG-300W**

AIoT Application Server
NMS-AIoT

Centralized Intellignet Management Interface

User-friendly Dashboard Design

Complete Data Report

Centralized Management of IoT Devices

Product Highlight

Industrial LoRaWAN Gateway LCG-300 Series

- 8 programmable parallel demodulation paths
- Supports Frequency Band EU868/US915/AS923 MHz Sub 1G
- Web UI for LoRa and network configuration
- SSL VPN and robust hybrid VPN
- IP30 metal case with DIN-rail or wall-mount design
- Global 5G NR (NSA/SA) / 4G LTE network for cellular network connection (LCG-300-NR)

Industrial IP30 LoRa Node Controller LN1130/LN1140

- Ultra-wide-distance transmission up to 10km with line of sight
- Industrial metal case IP30 design with -40°C~75 temperature range
- Easy to connect with multiple wired sensors through RS232/ RS485 interfaces (LN1130)
- 2 DI/DO interfaces for operating application (LN1140)
- Compliant with standard LoRaWAN gateways and network servers

TAIWAN EXCELLENCE 2023

IoT Sensors

Machine and Product Temperature Sensor
(LS200-TC, LS200-PT)

Temperature/Humidity/PIR/Tilt /Vibration/Reed Switch/Light/ Glass Break Sensor
(LS200-MF8)

Door and Window Sensor
(LS100-DW)

3-Phase Current Meter
(LS200-CM3)

PM2.5 Sensor
(LS200-PM25)

Indoor Occupancy Sensor
(LS100-PIR)

Indoor Temperature and Humidity Sensor
(LS200-TH)

Smoke/CO Detector
(LS100-SMK, LS100-CO)

Water Leak Sensor
(LS100-WL)