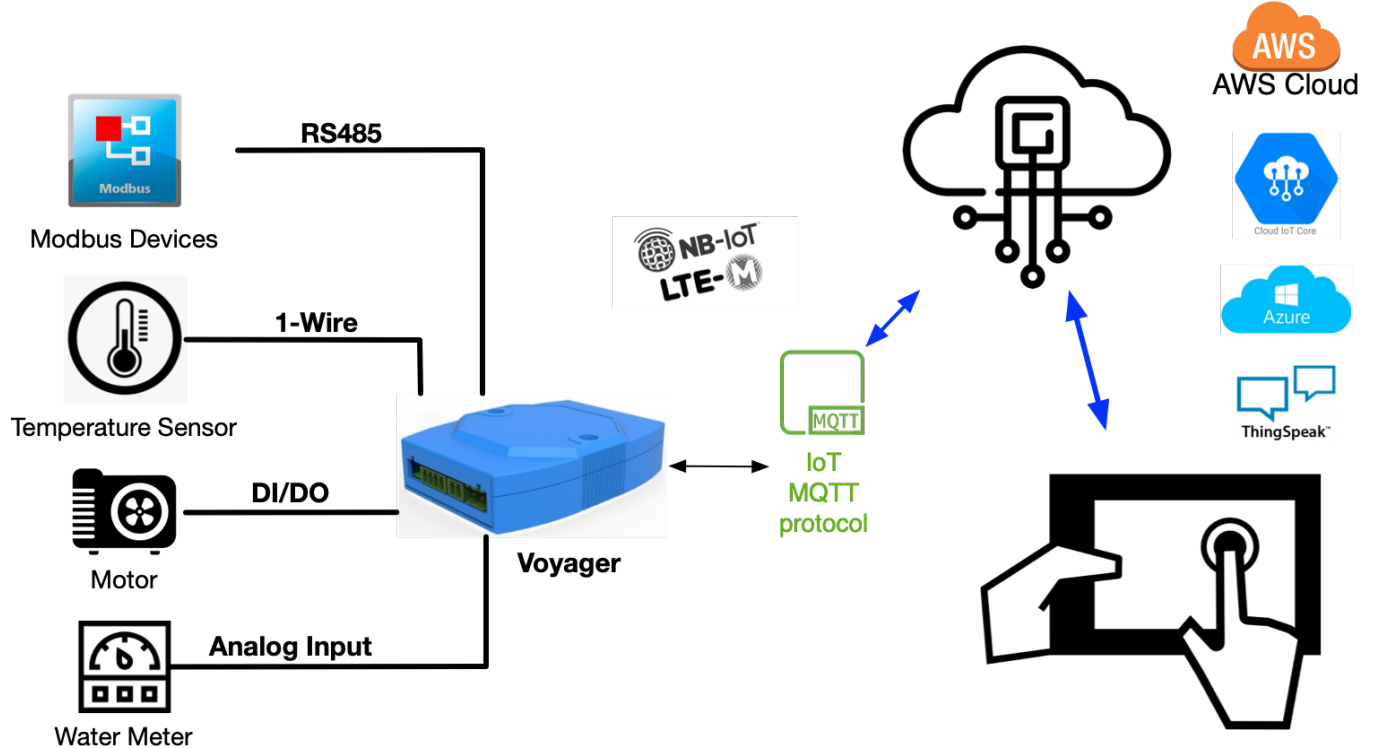




IOTEASIER AIOT SENSOR NODE APPLICATIONS

- HOME AUTOMATION
- SMART BUILDING
- ENVIRONMENT MONITORING
- ASSET TRACKER
- SMART AGRICULTURE
- COLD CHAIN



Description

Voyager is a 5G AIOT module designed to facilitate the rapid deployment of industrial AIoT applications.

It connects to the cloud servers via LTE-M1/NB-IoT using the standard MQTT network protocol and is compatible with AWS, Azure, GCP, or custom servers.

Additionally, Voyager features GPS positioning for remote tracking of the module's location and status. Its built-in power sensing function, utilizing a current transformer (CT) sensor, can report AC voltage and current data, enabling users to remotely monitor equipment energy consumption and detect power abnormalities.

Feature

- Advanced Rel.14 LTE Capabilities: LTE-Cat-M1, Cat-NB2
- ARM Cortex-M4 Processor 80MHz with DSP
- Location Service support GPS, GLONASS
- EasyConfig NFC Programmer
- Modbus RTU (RS485) Master
- One-Wire Interface
- Digital Input/Outputs
- Wattage Meter
 - AC Voltage Sensing
 - CT Current Sensing



SPECIFICATION

APPLICATION CORE	ARM Cortex M4 with DSP 80MHz
MODEM	LTE Technology: Rel.14 LTE Cat-M1, Rel.14 LTE Cat-NB2
BAND	
NFC	NFC EasyConfig Tag
LOCATION	GPS, GLONASS, Beidou
INTERFACE	RS-485 One-Wire
DIGITAL INPUT	Dry Contact x3
DIGITAL OUTPUT	BJT x 2
ANALOG INPUT	Voltage Detect AC-220V Current Transform 100A _(Max)
NETWORK PROTOCOLS	MQTT
ELECTRICAL	Supply Voltage Range: 9V to 25V
DIMENSIONS	71.5(W) x 102.5(L) x 26.5(T) mm