

# **SenseCAP A1101**

## **LoRaWAN Vision AI Sensor**

TinyML Edge AI Sensor with One-Stop, No-Code Training Experience



## Overview

101990962 SenseCAP A1101 LoRaWAN Vision AI Sensor SenseCAP A1101 - LoRaWAN® Vision AI Sensor is a TinyML Edge AI-enabled smart image sensor. It supports a variety of AI models, such as image recognition, people counting, target detection, meter recognition, and so on. It also supports training models with TensorFlow Lite.

## Features

- **AI Without Coding**

No-code AI, user-friendly model training

- **Customizable**

Tailored structures for different applications

- **One-Stop Training and Deployment**

Powered by SenseCAP and Edge Impulse Platform

- **High Level of Data Security with Edge Computing**

Local inferencing ensures safety for raw data

## Application



## SenseCAP S210x Sensors

SenseCAP S210x series' sensors offer long-distance data acquisition via LoRaWAN®. With IP66 enclosure rating, the sensors can operate in extremely low and high temperature zones (-40°C to +85°C). Their built-in, 19AH high capacity battery, S210x series can operate in harsh, outdoor environments up to 10 years with a range of up to 10km. To add, the built-in Bluetooth made them easy to be configured and deployed, that together reduces field deployment costs. Moreover, users can get data in just a few steps, and with open Cloud API, they are easy to be integrated.



## Ready for Outdoor Deployments



## Easy to Use

