seeed studio

INDUSTRIAL PRODUCT DATASHEET

SenseCAP Sensor Hub 4G Data Logger - with built-in rechargeable battery version

SenseCAP Sensor Hub 4G Data Logger - with built-in rechargeable battery version for multi-sensor environmental monitoring with 4G/3G/2G global connectivity, GPS, local storage, and SenseCAP Portal/APP management.

SKU	UPDATED	PRICE
114992170	2026-11-05 04:37:06	$229.00(Excl. VAT)



Overview



The SenseCAP Sensor Hub 4G Data Logger - with built-in rechargeable battery version supports simultaneous collection of various environmental data, local storage, standard MODBUS-RTU RS485 sensors, and uploading data to any server via 4G/3G/2G with global LTE, built-in GPS, and remote upgrade/maintenance. It is easy to install and deploy without requirements of engineering background, suitable for harsh outdoor environments, with SenseCAP Portal and APP for convenient device, data, and access key management, and supports Smart Agriculture, Smart City, Smart Buildings, Smart Industry, Environmental Monitoring, and other wireless sensing applications.

Key Features

01 **Support collection of various environmental data simultaneously**

02 **Support local storage of data**

03 **Support using with standard MODBUS-RTU RS485 sensors**

04 **Support uploading data to any server (SenseCAP Server / User's private server)**

05 **Support 4G/3G/2G communication, supporting global LTE frequency band**

06 **Built-in GPS positioning function**

07 **Support remote upgrade and maintenance**

08 **Two power supply options available**

DC only, Solar Power (to be purchased separately, coming soon)

09 **Easy to install and deploy, without requirements of engineering background**

10 **Industry standards, suitable for harsh outdoor environments**

11 **SenseCAP Portal is a web-based platform for you to manage the devices, data, and access key conveniently.**

12 **SenseCAP APP (with iOS and Android) is provided for you to bind the devices to your account conveniently.**

Product Gallery









Applications

- Smart Agriculture
- Smart City
- Smart Buildings
- Smart Industry
- Environmental Monitoring
- Other wireless Sensing Applications

Resource Links

- https://www.seeedstudio.com/SenseCAP-Sensor-Hub-4G-Data-Logger-with-builtin-battery-p-4852.html
- Developer Guide for Private MQTT Messaging of SenseCAP SensorHub
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)
- SenseCAP Sensor Hub 4G Data Logger User Guide
- SenseCAP Document Center
- CE Certificate
- FCC Certificate

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com