



## The sensor powered by energy harvesting – Hadar C

- Manufacturer:** Pollux Innovation AB
- Product:** Wireless sensor with multiple functions. Designed for cold-chain applications. Temperature and humidity available
- Features:** The sensor provide data at pre-defined, scheduled, intervals and transmits data utilizing LoRa WAN communication. An energy harvesting OPV cell from Epishine provides energy without batteries or power connection
- Frequency (LoRa):** 868MHz (EMEA), 903 & 915MHz (US & Australia) and 933MHz (Asia)

### Product Key Features:

- The sensor is a wireless temperature and humidity sensor using LoRa/LPWAN technology
- Powered by a light energy harvesting OPV cell from Epishine, it works absolutely maintenance-free
- Designed for cold-chain applications the temperature range is set from -20c - +60c
- An integrated energy store allows for operation for several days in total darkness, as well as in very cold conditions
- The sensor periodically measures temperature and humidity of its environment
- Data is transmitted at regular intervals
- The small housing can be easily mounted to fridges or freezers using the built-in hook or double-sided tape