

Cerberus Nova Detector

Siemens EcoTech Profile

Advanced fire detection - built to evolve



Secondary materials

The product's plastic parts contain a considerable share of secondary material compared to its predecessor.



Minimum material use

The product weight has been reduced compared to its predecessor.



Energy efficiency

The product's power consumption has been reduced compared to its predecessor.



Packaging

Packaging was optimized by using smaller plastic bags with recycled material, increasing density, and removing paper documentation compared to its predecessor.



Maintenance possible / Updatability

The product supports remote maintenance and offers firmware updates.



Upgradability

New features and functionality can be added to the product using firmware, unlike its predecessor.



Compliant with substance regulations

Protect people and environment by avoiding substances of concern.



EPD Type II or Type III available

The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle. Type II according to ISO 14021 including Life Cycle Impact Assessment (LCIA). Type III verified and certified according to ISO 14025.



Scan for [Environmental Product Declarations \(EPD\)](#) and further technical information.



Further information on the product

Sustainable materials:



Secondary materials

- All plastic parts of the housing and the insides are now made from resin containing **50%** secondary material.



Minimum material use

- The overall product weight has been reduced by **22%** compared to its predecessor, mainly by reducing the weight of plastic and PCBs by **22%** and **20%** respectively.



Packaging

- The plastic bag contains **30%** recycled material and is **67%** lighter than its predecessor.
- The carton box is made of PAP-20 cardboard and uses **32%** less material per detector.

Optimal use:



Energy efficiency

- The quiescent operating current has been reduced by **39%**.



Maintenance possible / Updatability

- The product supports Disturbance Free Testing, which enables cloud-based remote maintenance.
- Unlike its predecessor, the product can be updated in the field using the Fire Field Assist tool.

Value recovery:



Upgradability

- The product can be upgraded using the Fire Field Assist tool, enabling new features and functionality to be unlocked without the need to replace hardware, unlike its predecessor.

Our production facilities

Our goal is clear: All Siemens production facilities and buildings worldwide are to achieve a net zero-carbon footprint by 2030. Today, all Siemens EcoTech products are manufactured in production facilities using **100% renewable electricity**.

And the ambitions go much further. The management systems implemented in our production facilities reduce the environmental impacts of our sites. Furthermore, we ensure fair treatment and respect for our people. More information about the 360° view on Siemens' sustainable transformation: [Learn more about our DEGREE framework](#)



Scan for more information on the [Siemens EcoTech framework](#)



TÜV Rheinland has independently validated the assessing methodology behind this product sheet's data evaluation according to ISO 14020 and 14021 standards.

Our Robust Eco Design process

The Siemens Robust Eco Design (RED) approach provides the foundation for integrating Ecodesign systematically into our product development and allows us to derive Ecodesign specifications that are advantageous from an environment point of view while meeting our own sustainability goals as well as those of our customers and suppliers. The RED approach involves three phases:

Application perspective

Definition of relevant product families, identification, and prioritization of Ecodesign requirements from stakeholder expectations.

Solid foundation

LCA-based assessment of environmental impacts for representative products along the entire life cycle, communicated via EPD.

Dematerialization

Evaluation of quantitative environmental impacts of Ecodesign and of further requirements, derivation of improved design specifications wherever reasonable.

