

ISO 14067 – Product GHG Emissions Summary



VisionCraft s.r.o.
Výstaviště 405/1
603 00 Brno
Czech Republic
ID: 07400942

Calculated:
2022/07/26

VisionCraft sensor

We calculated the carbon footprint of the entire product life cycle (LCA, in accordance with ISO 14 040 principles) of VisionCraft sensory equipment and typical competitor cameras to the client's specification (comparative CCTV). The following input items are considered in the analysis:

- Physical camera – for comparative CCTV, we consider an optional battery pack, which is typically supplied separately with the casing (higher weight of the casing)
- Camera data processing and storage
- Installation and de-installation
- Disposal
- We do not consider budgeting VisionCraft's carbon footprint into the product. We also do not consider shipping and packaging material (it will be the same for both cameras and the comparative result will not be affected). Due to the high uncertainties in the source data, we do not consider the data transfer between the camera and the servers.

The details are disclosed in an appropriate protocol and calculation table according to the norm ISO 14 067, the summary of the analysis is given in the following table:

	CCTV VisionCraft	Comparative CCTV	Factor	Unit
Image data analysis	130	53 571	412	kg CO ₂ e / lifetime
Hardware and installation	40	126	3	
Energy (including indirect)	930	2 125	2	
Total carbon footprint of the camera	1 100	55 822	51	



Envitrail s.r.o. is a company certified by TÜV NORD CERT GmbH for operating a management system in accordance with the requirements of ISO 9001:2015, with the scope:

Carbon footprint calculation

Certificate Registration Number: 44 100 22 52 0013
Audit report No: 0212/2022