

Class 1CTAI  
 First Name: Lowie  
 Name Soenens  
 Project Name : Wildlife Monitoring System  
 Assembly Revision : 1  
 Approval Date : 20-Mar-24  
 Part Count : 13  
 Total Cost : €666



(picture can only be added with END delivery of project!)

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 5 - 8GB	Raspberry pi to transfer data to another raspberry pi on witch the ai is on.	0	2	<a href="https://www.conrad.be/nl/p/raspberry-pi-5-b-8-gb-4-x-2-4-ghz-raspberry-pi-2980040.html">https://www.conrad.be/nl/p/raspberry-pi-5-b-8-gb-4-x-2-4-ghz-raspberry-pi-2980040.html</a>	<a href="https://be.farnell.com/raspberry-pi/rpi5-8gb-single/raspberry-pi-5-model-b-8gb-2-4ghz/dp/4256000">https://be.farnell.com/raspberry-pi/rpi5-8gb-single/raspberry-pi-5-model-b-8gb-2-4ghz/dp/4256000</a>	piece	€ 134.99	€ 269.98	€ 269.98
2	Logitech C920	camera to record the images to use in the ai model	0	1	<a href="https://www.coolblue.be/nl/product/687267/logitech-c920-hd-pro-webcam.html?utm_term=687267&amp;cmt=c%20cid_15705722627%20cid_1245720">https://www.coolblue.be/nl/product/687267/logitech-c920-hd-pro-webcam.html?utm_term=687267&amp;cmt=c%20cid_15705722627%20cid_1245720</a>	<a href="https://www.conrad.be/nl/p/logitech-c920s-hd-pro-full-hd-webcam-1920-x-1080-pixel-1280-x-720-pixel-klemhouder">https://www.conrad.be/nl/p/logitech-c920s-hd-pro-full-hd-webcam-1920-x-1080-pixel-1280-x-720-pixel-klemhouder</a>	piece	€ 83.00	€ 83.00	€ 83.00
3	PIR Bewegingssensor	Pir sensor to detect when an animal is in front of the camera	0	1	<a href="https://www.conrad.be/nl/p/duino-1485335-pir-bewegingssensor-1-stuk-s-1485335.html">https://www.conrad.be/nl/p/duino-1485335-pir-bewegingssensor-1-stuk-s-1485335.html</a>	<a href="https://www.conrad.be/nl/p/joy-it-sen-hc-sr501-bewegingssensor-1-stuk-s-2261700.html">https://www.conrad.be/nl/p/joy-it-sen-hc-sr501-bewegingssensor-1-stuk-s-2261700.html</a>	piece	€ 4.49	€ 4.49	€ 4.49
4	raspberry pi charger	Powersource raspberry pi with the ai model	0	1	<a href="https://be.farnell.com/en-BE/raspberry-pi/sc1153/power-supply-usb-c-5-1v-5a-white/dp/4263040">https://be.farnell.com/en-BE/raspberry-pi/sc1153/power-supply-usb-c-5-1v-5a-white/dp/4263040</a>	<a href="https://www.newark.com/raspberry-pi/sc1153/product-range-raspberry-pi-5-accessories/dp/82AK2055">https://www.newark.com/raspberry-pi/sc1153/product-range-raspberry-pi-5-accessories/dp/82AK2055</a>	piece	€ 12.00	€ 12.00	€ 12.00
5	Makita Battery 18V 6AH BL1860B	Powersource mobile respberry pi	1	1	<a href="https://www.proatwork.be/nl_BE/m507079?indexName=magento2_proatworknl_BE_products&amp;objectID=15939&amp;queryID=a6e2f40b2521cc755946013cc540d4a66">https://www.proatwork.be/nl_BE/m507079?indexName=magento2_proatworknl_BE_products&amp;objectID=15939&amp;queryID=a6e2f40b2521cc755946013cc540d4a66</a>	<a href="https://www.makita.nl/artikel/makita-197422-4-accu-bl1860b-lxt-18v-6-0ah.html">https://www.makita.nl/artikel/makita-197422-4-accu-bl1860b-lxt-18v-6-0ah.html</a>	piece	€ 143.94	€ 143.94	€ 143.94
6	Batteryconnector	Connector for the battery	1	1	<a href="https://www.proatwork.be/nl_BE/m507079?indexName=magento2_proatworknl_BE_products&amp;objectID=15939&amp;queryID=a6e2f40b2521cc755946013cc540d4a66">Pro@work Vancanneyt NV</a>	<a href="https://www.amazon.com.be/en/644808-8-Battery-Contact-Connection-Terminal/dp/B00E7BCV55/ref">https://www.amazon.com.be/en/644808-8-Battery-Contact-Connection-Terminal/dp/B00E7BCV55/ref</a>	piece	€ 15.00	€ 15.00	€ 15.00
7	Voltage regulator	Buck converter	1	1	<a href="https://www.conrad.be/nl/p/tru-components-spanningsregelaar-tc-9927140-1-stuk-s-2481785.html">https://www.conrad.be/nl/p/tru-components-spanningsregelaar-tc-9927140-1-stuk-s-2481785.html</a>	<a href="https://www.amazon.com.be/nl/TRU-Components-Spanningsregelaar-TC-9927140">https://www.amazon.com.be/nl/TRU-Components-Spanningsregelaar-TC-9927140</a>	piece	€ 10.00	€ 10.00	€ 10.00
8	Filament	Filament ABS 1kg	1	1	<a href="https://www.123-3d.nl/123-3D-Filament-oranje-1-75-mm-ABS-1-kg-Jupiter-serie-i10299-t7363.html">https://www.123-3d.nl/123-3D-Filament-oranje-1-75-mm-ABS-1-kg-Jupiter-serie-i10299-t7363.html</a>	<a href="https://www.megekko.nl/product/2708/192400/3D-Printer-Filaments/Gembird-3DP-ABS2-01-3D-printmaterial">https://www.megekko.nl/product/2708/192400/3D-Printer-Filaments/Gembird-3DP-ABS2-01-3D-printmaterial</a>	role	€ 23.00	€ 23.00	€ 23.00
9	Halogen floodlight	Housing	1	1	<a href="https://www.meerdanlicht.nl/brilliant-wandlamp-tanko-zwart-96163-06?utm_campaign=Brilliant+Tanko+Schijvervoert+Ruiter+1D7S+1D11">https://www.meerdanlicht.nl/brilliant-wandlamp-tanko-zwart-96163-06?utm_campaign=Brilliant+Tanko+Schijvervoert+Ruiter+1D7S+1D11</a>	<a href="https://www.lampentotaal.be/schijnwerper-tanko-zwart-78189">https://www.lampentotaal.be/schijnwerper-tanko-zwart-78189</a>	piece	€ 15.00	€ 15.00	€ 15.00
10	Aluminium Heatsink Case	Haetsink	1	2	<a href="https://www.sossolutions.nl/raspberry-pi-5b-aluminium-koeling-passieve-heatsink-zwart?gad_source=1&amp;gclid=CjwKCAjwmr-gzBhAcEiwAYVngonTChonAgnA6vZc6">https://www.sossolutions.nl/raspberry-pi-5b-aluminium-koeling-passieve-heatsink-zwart?gad_source=1&amp;gclid=CjwKCAjwmr-gzBhAcEiwAYVngonTChonAgnA6vZc6</a>	<a href="https://www.kiwi-electronics.com/nl/heat-sink-behuizing-voor-rpi-5-passief-zwart">https://www.kiwi-electronics.com/nl/heat-sink-behuizing-voor-rpi-5-passief-zwart</a>	piece	€ 15.00	€ 30.00	€ 30.00

11	Projects Kit FNK0054	Projects kit for Raspberry Pi Freenove	1	1	<a href="https://www.amazon.com.be/-/en/Freenove-Projects-Raspberry-607-Page-Detailed/dp/B092V1BPBC">https://www.amazon.com.be/-/en/Freenove-Projects-Raspberry-607-Page-Detailed/dp/B092V1BPBC</a>	<a href="https://store.freenove.com/products/fnk0054?_pos=1&amp;_sid=dbd253ab4&amp;_ss=r">https://store.freenove.com/products/fnk0054?_pos=1&amp;_sid=dbd253ab4&amp;_ss=r</a>	kit	€ 59.95	€ 59.95	€ 59.95
<b>Total</b>			<b>13</b>						<b>€ 666.36</b>	<b>€ 666.36</b>