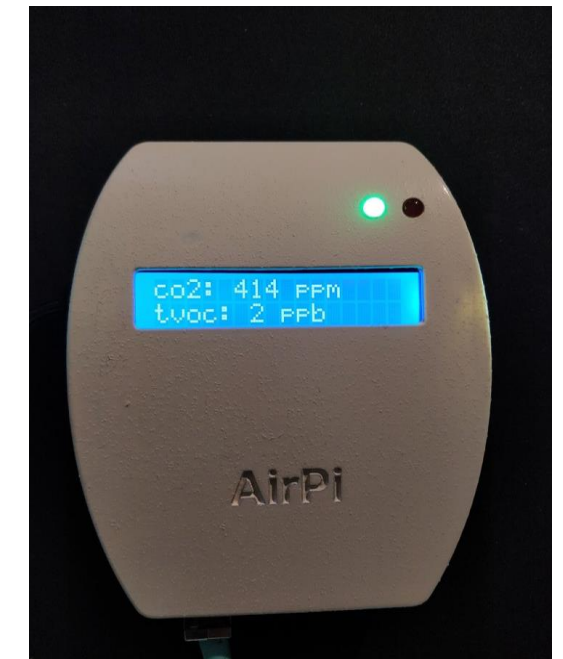


CLASS: 1NMCT6  
 NAME: De Landtsheer  
 FIRSTNAME: Tijn  
 Assembly Name : AirPi  
 Assembly Revision : Air quality sensor  
 Approval Date :  
 Part Count : 7  
 Total Cost : €82



Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
	Raspberry Pi 3 Model B	/		1	<a href="https://www.sossolutions.nl/raspberry-pi-3b">https://www.sossolutions.nl/raspberry-pi-3b</a>		1	€ 35,95	€ 35,95	
	SD kaart	Size: 8GB		1	<a href="https://www.amazon.de/SanDisk-Micro-SDHC-Class-Speicherkarte/dp/B0">https://www.amazon.de/SanDisk-Micro-SDHC-Class-Speicherkarte/dp/B0</a>		1	€ 8,59	€ 8,59	
	CCS811	Measure of tvoc and co2		1	<a href="https://www.kiwi-electronics.nl/adafruit-ccs811-air-quality-sensor-breakout">https://www.kiwi-electronics.nl/adafruit-ccs811-air-quality-sensor-breakout</a>		1	€ 22,95	€ 22,95	
	DHT22	Measure humidity and temperature		1	<a href="https://www.adafruit.com/product/385">https://www.adafruit.com/product/385</a>		1	€ 9,95	€ 9,95	
	Potentiometer	Contrast LCD		1	<a href="https://www.aliexpress.com/item/5pcs-10K-OHM-3-Terminal-Linear-Taper">https://www.aliexpress.com/item/5pcs-10K-OHM-3-Terminal-Linear-Taper</a>		1	€ 1,94	€ 1,94	
	LCD	Screen on case		1	<a href="https://www.aliexpress.com/item/Freeshipping-LCD1602-LCD-monitor-160">https://www.aliexpress.com/item/Freeshipping-LCD1602-LCD-monitor-160</a>		1	€ 1,35	€ 1,35	
	Female to Female connectors	Get a lot, but you can make them males		1	<a href="https://www.aliexpress.com/item/40PCS-Dupont-Wire-Jumper-Cables-100">https://www.aliexpress.com/item/40PCS-Dupont-Wire-Jumper-Cables-100</a>		1	€ 1,07	€ 1,07	
	LED green and red	All colors, but red and green inside		1	<a href="https://www.aliexpress.com/item/100Pcs-lot-5-Colors-F3-3MM-Round-LEI">https://www.aliexpress.com/item/100Pcs-lot-5-Colors-F3-3MM-Round-LEI</a>		1	€ 0,64	€ 0,64	

Resistor set	Complete set, has everything you need and way more. Cheap in bulk	1	<a href="https://www.aliexpress.com/item/Free-shipping-5pcs-lot-MP1482-power-si">https://www.aliexpress.com/item/Free-shipping-5pcs-lot-MP1482-power-si</a>	1	€ 2,37	€ 2,37
3D-print	Filled in 0, depends on where you're printing and if you're not building another case yourself.	1		1	€ -	€ -
<b>Total</b>		<b>7</b>				<b>€ 81,80</b>