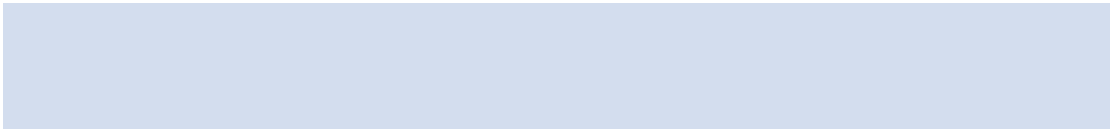


Class	1CT&AI
First Name:	Matteo
Name	Di Celmo
Project Name :	VigilDrive
Assembly Revision:	1
Approval Date :	
Part Count :	13
Total Cost :	€263

Part #	Part Name	Description	Revision	Qty
1	RaspberryPi 5 (8GB)	RaspberryPi to control the entire system	1	1
2	Webcam	To implement AI-powered computer vision	1	1
3	Freenove-projectKit	Only LCD display and RGB led needed	1	1
4	DC5V 9000RPM vibration module	To implement the vibration notification	1	1
5	Magnets 10mm Diameter x 2mm Thick with 2kg Traction	To make the case openable	1	4
6	MDF plate 122x61 cm 3mm	To make the case	1	1
7	RaspberryPi 5 active cooler	To cool down the Raspberry	1	1
8	Passive buzzer	To trigger a sound alarm	1	1
9	Car phone-holder	To hold the camera	1	1
10	Raspberry button	To start the program	1	1



Total

13

Picture of Assembly



(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 93,69
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 29,29
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 57,73
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		3	\$ 2,76
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		4	\$ 1,75
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 3,24
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 6,99
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 5,49
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 20,95
http://www.raspberrypi.com/products/raspberry;2LafNtiio43&qclid=CjwKCAiArI		1	\$ 0,32



object!)

Max Cost	Real Cost
€ 93,69	€ 93,69
€ 59,53	€ 29,29
€ 57,73	€ 57,73
€ 8,29	€ 8,29
€ 7,08	€ 7,08
€ 3,24	€ -
€ 6,99	€ 6,99
€ 5,49	€ 5,49
€ 20,95	€ 14,99
€ 0,32	€ -

€ -

€ 263,31

Revision History

Whenever there are things that change in the original BOM you note this down here!

Project Name :

[illegible]