

Class	1CTAI
First Name:	Thibault
Name	Verrue
Project Name :	<u>AI Trash Can</u>
Assembly Revision :	_____
Approval Date :	_____
Part Count :	<u>14</u>
Total Cost :	<u>€154</u>

Part #	Part Name	Description	Revision	Qty
1	raspberry pi 5	this controls entire system	1	1
2	Micro Digital Servo Motor	This controls the opening of the trash	2	3
3	Servo motor driver	This is a driver to work with your servo motors	2	1
4	44x11 Pixels Mini LED Digital Programmable Rechargeable Scrolling Display Board	small led display to show type of trash	1	1
5	DC5V Ultrasonic Distance Converter	This checks if the trash is full	2	3
6	Webcam Full HD - 1080p - Webcam Met Microfoon	camera to point at the trash	1	1
7	Breadboard	this helps you connect everything better	2	1
8	Trash cans	this is you housing	2	3
Total				14

Picture of Assembly

(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
nl?gad_source=1&gclid=Cj0KCQjw-r-vBhC	/	1	\$ 90,50
n.be/-/en/dp/B07H88DB8R?ref=ppx_yo2ov_dt_	/	3	\$ 5,66
.be/dp/B0BKZC1XWR?psc=1&ref=ppx_yo2ov_dt_b_product_details		1	\$ 9,99
ogrammable-Rechargeable-Scrolling-Restaurant	/	1	\$ 14,99
om.be/dp/B08KG4GNGJ?psc=1&ref=ppx_yo2ov_dt_b_product_details		3	\$ 2,33
sus-thuiswerken-webcam-voor-pc-zwart-winEz-3wChYxltUDLXknPpfBq4Ayk		1	\$ 14,99
com.be/dp/B07KKJSFM1?ref=ppx_yo2ov_dt_b_product_details&th=1		1	\$ 4,99
ww.action.com/nl-be/p/3013155/tontarelli-afvalemmer/		3	\$ 9,95

object!)

Max Cost	Real Cost
€ 90,50	
€ 16,98	
€ 9,99	
€ 14,99	
€ 6,99	
€ 14,99	
€ 4,99	
€ 29,85	
€ 154,44	