

# Rescue Line Team BIGG-IRMI

## Bill of Materials

Component name	Quantity	Supplier	Status	Bought or Custom	Price per unit	Total Price
Time-of-Flight distance sensors (VL53L0X)	4	Amazon	New	Bought	1,80 €	7,20 €
12V cooling fan	3	Amazon	New	Bought	2,40 €	7,19 €
Makeblock MeAuriga controller board	1	Unknown	Reused	Bought	50,00 €	50,00 €
XIAO ESP32S3 controller board	3		New	Bought	20,00 €	60,00 €
Wide angle camera 120/160° (OV2640)	3		New	Bought	9,50 €	28,50 €
Addressable LED-Strip (WS2812B)	1	Unknown	Reused	Bought	5,00 €	5,00 €
Makeblock digital servo	1	Unknown	Reused	Bought	30,00 €	30,00 €
MG90S Metal geared Micro-Servo	1	Unknown	Reused	Bought	3,50 €	3,50 €
Makeblock optical encoder motor	2	Unknown	Reused	Bought	30,00 €	60,00 €
Gearbox	2	Custom-built	Reused	Custom-built	5,00 €	10,00 €
Chassis (3D-Printed)	1	Custom-built	New	Custom-built	-	-
Victim presence sensor	1	Custom-built	New	Custom-built	-	-
Victim container (3D-Printed)	1	Custom-built	New	Custom-built	-	-
Start/stop button	1	Unknown	Reused	Bought	1,00 €	1,00 €
2200mAh 12V Lilon battery pack	1	Custom-built	Reused	Custom-built	12,00 €	12,00 €
Wooden interlayer	1	Custom-built	New	Custom-built	1,00 €	1,00 €
Rubber tracks	2	Custom-built	Reused	Custom-built	5,00 €	10,00 €
Wires & Screws	Many	Unknown	Reused	Custom-built	3,00 €	3,00 €
Total components	29		Total Price		288,39 €	

For further Information, visit our GitHub Repository:

