Bill Of Materials

sensor:

TerraRanger Evo 60m	100,95€ (bundle)	https://www.digikey.de/product-
Sensor		detail/de/terabee-sas/TR-EVO-60M-
I2C/UART Backboard for		I2C/3074-TR-EVO-60M-I2C-
TeraRanger Evo sensors		ND/13682867

cables etc.:

Telephone cable; 4 leads, twisted & shielded, 6 m	1,86€	https://www.conrad.de/de/p/voka-kabelwerk-100800-00- 1-telefonkabel-i-v-st-v-2-x-2-x-0-60-mm-kieselgrau-ral-
length, ca. 5mm outer		7032-meterware-1180031.html#productDownloads
diameter		7032 Ineterware 1100031.htmm/productbowingdas
USB cable power supply	0,86€	https://www.conrad.de/de/p/logilink-kabel-usb-2-0-
2m		anschluss-a-b-2x-stecker-grau-2m-804831305.html
Molex Fan Header 4pin	1,68€	https://www.conrad.de/de/p/luefter-verlaengerungskabel-
(Kabel->uC)		4-pol-stecker-an-4-pol-kupplung-15cm-good-connections-
		804521970.html
FFC cable ~20cm length,	1,35€	https://www.conrad.de/de/p/ffc-kabel-1-0mm-typ-d-6pol-
0,3-0,5mm diameter,		150mm-1-stueck-800873261.html
4/6Pin		
3,5mm audio jack cable	0,83€	https://www.conrad.de/de/p/logilink-ca1050-klinke-
2m		audio-anschlusskabel-2-00-m-schwarz-matt-2332710.html

electronics:

16x2 LCD display with I2C interface	6€	https://www.conrad.de/de/p/character-16x2-lcd-display-module-1602-white-on-blue-5v-i2c-interface-hd44780-802231374.html
Arduino nano + pin header		AZDelivery 3 x Nano V3.0 mit Atmega328 CH340 inklusive E-Book!: Amazon.de: Computer & Zubehör
ARD DFPAYER MINI mp3 module for Arduino	3€	https://www.reichelt.de/arduino-dfplayer-mini-mp3- wav-microsd-karte-ard-dfpayer-mini- p289897.html?search=DFPayer
MicroSD card reader SPI for Arduino (5V)	2,30€	https://www.conrad.de/de/p/tf-micro-sd-card-memory-modul-arduino-atmega-kartenadapter-cardreader-802244007.html
Prototyping Board 9x5 cm or similar x2	3,66€	https://www.conrad.de/de/p/lochrasterplatine- 70x90mm-experimentierplatine-loetplatine-prototype- leiterplatte-806984130.html
2x power-switch with mounting holes	1,2€	https://www.digikey.de/product-detail/de/cw-industries/GF-124-0046/CWI430-ND/4425715
4x push buttons	0,10€	
2x I2C extender	6€	https://www.digikey.de/product-detail/de/texas-instruments/P82B715DR/296-24729-2-ND/1899806
LED green	0,05€	

sensor mount:

ball head	10,00€	https://smile.amazon.de/koolehaoda-Design-Super-Kleine-		
		Kugelkopf/dp/B077QR72J4/ref=sr_1_3?_mk_de_DE=%C3%85M%C		
		3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=kugelkopf		
		+mini&qid=1626262596&sr=8-3		