Abb Draft	Parts	Times Comment	Price á [€] Pri	e Total [€] Power á	IWI Power T	otal (F) Link
General	RPi Set	1	69.99	69.99	2	2 https://www.amazon.de/Viros-Rasoberry-Pi-Complete-Ki8-Enthalt/do/801DC8MKAO/tefesr 1. 579=ncomouters&ie=UTF8&oid=14979063908sr=1-58keywords=rasoberry-toi-3
Concius	RPi PoE Shield	4	37	148	0	bittos//www.pi-susphy.com/product/pi-poe-switch-hab-poper-over-ethermet-for-raspberry-ol/ bittos//www.pi-susphy.com/product/pi-poe-switch-hab-pope-raspberry-ol/ bittos//www.pi-susphy.com/product/pi-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-switch-hab-poe-swit
	Wemos D1 Mini		52.59		0.125	0.375 https://www.indepress.com/indepress.co
	RPi Cellular Shield	1	60	60	0.120	O bilips//www.pianywhere.com/product/pianywhere.grm-paspberry-o-bal//
	Android Kabel ;-)	66	1.5	99	0	Interview a discrete score of the score of t
	5V Netzteile USB	33	2.64	87.12	0	O https://www.allexpress.com/item/ELUS-Plus-9/-2-8-AUSR-Power-Supply-Adapter-Charger-Universal-For-Resoberm-PE-For/28052/7910.htm/?vs. all-textressor/web0 0.searchweb0 0.sear
	Power Bank	33	8.11	267.63	0	0 https://www.aircopress.com/instructions/single-USB-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-2000-mbh-portable-bashs-patter-power-bashs-patter-power-bashs-2000-mbh-portable-bashs-pat
		10	10.89	108.9	0	
	Verlängerungskabel	10	2.99	29.9	0	0 https://www.amazzon.de/Verlängerungskabel-Verlängerung-Strom-Kabel-ORANGE-Meter/cip/B01GHL4LLY/inefezr_1_676e=UTF88qid=148904714388=8-68&xywxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
0111	Verteiler	10	62.09	62.09		0 https://www.amazon.de/Kopp-TSO-3-dab-Nickdosenleists-Kinderschutz/dp/B002TH4ZHQhrefred_bxsyv_60_img_37_encoding=UTF88psc=1&reRID=ESBDXSE,VAGR9MGDKS4D
SW	Switch 8 Port 100MBit/s	1		118.42		5 bttps://geishals.eu/edimax-es-1008ph-s873681.htm?hiocest
	Switch 4 Port 100MBit/s	2	59.21 2.99		4	8 https://geizhals.eu/edimax-es-5104ph-v2-at 833404.html?htoc-at
	15m Cat6 Cable	4		11.96	0	0 https://geichals.eu/network.calite.gi-45-15m-easily-shielded-black-lo-calife-al47110.htm/Phiccest
	PoE Injector	1	48.56	48.56	0	0 https://geizhals.eu/cisco-aironet-poe-injector-air-pnrin45-a1288058.html
	UPS	1	127.3	127.3	0	0 https://geis/hals.eu/bluewalker-powerwalker-vi-2200-iee-10120076-s1048784.htm?hiocrast
AP	WLAN AP 2.4GHz		29.68	148.4	2.85	14.25 https://eicizhais.cu/tp-link-il-wa991nd-v4-0-a1386778.html
	15cm Cat6 Cable	3	0.41	1.23	0	0 https://geizhals.eu/network-cable-nj-45-0-26m-0-3m-easily-shieided-blue-to-catife-a490999.html?htoc=at
NAS	4TB HDD	1 1080p@30 ~25GB/h/cam		167.88	18	18 https://geizhals.eu/western-digital-wd-my-doud-4tb-wdbct/0040/hwt-a1015147.html?hlocrat
G	Glass Break Sensor	55	18.45	1014.75	0	bttps://www.amazon.de/do/B000S120K87smid=A3.WKAKR8XBTXF8linkCode=df0&creative=22494&creative=ASIN=B000S1Z0K88chidaSIN=B000S1Z0K8ChidaSIN=B000S1Z0K
	Reed Switch	4	2.23	8.92	0	0 https://www.aliespress.com/item/The-new-magnetic-reed-switch-glass-sealed-portion-size-imported-1-8-7/Mik-normally-open/1694264389 htm?ws_ab_lestsearcheeb0_0.exarchweb201692_5_10152_10085_10151_10208_10088_10304_10138_10137_10080_10302_10155_10082_437_10154_10086_10055_10054_10059_303_100031_10099_1
	Wiring	3	75	225	0	0 https://www.aliexpress.com/item/Whole-roll-100M_ZR-RVS-2-0-5mm-Square-Red-and-Yellow-Strands-Twisted-Pair-Lamp/32878711794.htm/?ws_ab_test=searchweb201602_5_10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10082_437_10154_5300011_10086_10055_10054_10059_303_1000011
F	Fire Alarm	10	6.75	67.5	0	0 https://www.allexpress.com/item/DC-12V-network-home-security-fire-altam-wired-smoke-sensor-ink-to-system-NC-output/32499767271.htm?ws.ab. testsearchweb0 0.searchweb201602_5 10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10082_437_10154_10056_10055_10054_10059_303_100031_10099_57_100000000000000000000000000000000000
	Level Shifter	1	13.99	13.99	0	0 https://www.aiiexpress.com/item/10pcs-24V-12V-to-5V-3-3V-3V-DC-DC-1A-Step-Down-Converter-Voltage Regulator/32671102728 html?ws_ab_test=searchneeb0_0.searchneeb0_0.searchneeb0_0.5 10151_10208_10085_10151_10208_10088_10304_10136_10137_10000_10302_10185_10086_437_10154_10056_10055_10054_10059_303_100031_10099_53200_10155_10088_10304_10136_10137_10000_10302_10185_10086_437_10154_10056_10055_10054_10059_303_100031_10099_53200_10155_10088_10304_10136_10137_10000_10302_10185_10086_437_10154_10056_10055_10054_10056_10055_10054_10056_10055_10054_10056_1
DB	Level Shifter	1	13.99	13.99	0	0 https://www.alieupress.com/item/10pcs-24V-12V-to-5V-3-3V-3V-DC-DC-1A-Step-Down-Converter-Voitage Regulator/32671102728.html?vs. ab. test=searchneb0 0.searchneb201602 5 10152 10085 10151 10208 10088 10304 10136 10137 10080 10302 10155 10062 437 10154 10056 10055 10054 10059 303 100031 10099 53200
DO	Door Opener	3	20.54	61.62	0	0 https://www.aiieupress.com/item/H-Door-Look-for-Video-Doorphone-intercom-electronic-door-look-for-Access-Control-System-door-openeri32722307534 html?/ws, ab_lestresearchweb0_0.searchweb201602_5_10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10062_437_10154_5300011_10056_10055_10054_100
	Power 12V	3	3.11	9.33	0	0 https://www.aliexpress.com/item/Free-shipping-AC100-240V4o-DC12V-1A-2A-3A-4A-5A-6A-8A10A-Power-supply-EU/32852597471.html?vws.ab lestesearchweb0 0.searchweb201802 5 10152 10085 10151 10208 10088 10304 10136 10137 10080 10302 10155 10082 437 10154 5300011 10086 10055 10054 10059 303 100031 100
IN	Button Relay	1	0.7	0.7	0	0 https://www.aliexpress.com/item/New-Relay-Shield-for-Arduino-WelMos-D1-Mini-ESP8266-Development-Board-WelMos-D1-Relay-Module-Free/32770465552 htm/ws_ab_lest-searchweb0_0602_5_10152_10065_10151_10208_10084_10136_10137_10000_10302_10155_10062_437_10154_10056_10055_10054_10059_31005
CM	RPi Set	3	69.99	209.97	2	8 https://www.amazon.de/Viroz-Raspberry-Pi-Complete-Kit-Enthaltidp/B01DC8MKAQ/refear_1_57s=computers&ie=UTF8&qid=1497906380&er=1-58keywords=raspberry+pi+3
	RPi Cam	3	29.99	89.97	0	https://www.amazon.de/Raspberry-Kamera-Modul-Filter-nachtsichttaugliches/do-B01ER4FDJ2/refresz 1 8rm/0 27ies/UTF88.nid=14979085398srz=8-2-flxm08keywordszraspi+cam+noir
	IR Lighting	3	7.33	21.99	1	3 https://www.aliexpress.com/item/49-LED-Illuminator-Light-Waterproof-CCTV-IR-Night-Vision-Infrared-For-Surveillance-CCTV-Camera-Free-Shipping/32597438117.htm/lvs. ab. test=searchweb0_0.searchweb201602_5_10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10062_437_10154_10056_10055_10054_100
	IR Lighting Power	3	3.11	9.33	0	bittos://www.aliexarcess.com/illem/Free-shipping-AC100-240V-to-DC12V-1A-2A-3A-4A-5A-6A-8A 10A-Power-supply-EU/32852597471 htm?/ws. ab. testessearchweb0 0.searchweb201802 5 10152 10085 10151 10208 10088 10304 10136 10137 10080 10302 10155 10062 437 10154 5300011 10058 10055 10054 10055 10055 10054 10055 10055 10054 10055 10
ML	Motion Sensor	2	7.33	14.66	0	0 https://www.aliexpress.com/item/Spcs.lot.HC-SR501-IR-Detector-Module-PIR-Motion-Sensor-Security-Infrared-Pyroelectric-Sensor-Detector-Module-9563417816.htm?vs_ab_jest=searchweb0_0.searchweb201602_5_10152_10085_10151_10208_10304_10136_10137_10060_10302_10155_10062_437_10154_5300011_10056_10085_1000_10056_10085_1000_10056_10085_10086_10137_10068_10088_10137_10068_10088_
	LED Lighting	9	33.6	302.4	0	https://www.aliexpress.com/item/LED-Flood-Light-IP65-Projector-WaterProof-30W-150W-220V-230V-110V-127V-FloodLight-Spolight-Outdoor-Walt/32782759751.html/ws_ab_test=searchweb0_0,searchweb201602_5_10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10082_437_10154_5300011_10056_10055_11_0000000000000000000
SM	Smart Lock	2	299	598	0	0 https://muisi.inisheishoo/
AR	CO2 Sensor	2	170	340	0	0 https://www.aliexpress.com/item/Fast-Free-shipping-Spcs-tot-Carbon-dioxide-sensor-MH-Z19-co2-module-serial-output-has-calibration/32630713705.html?ws. ab test-searchweb0 0.searchweb201602 5 10152 10065 10151 10208 10068 10304 10136 10137 10060 10302 10155 10062 437 10154 10056 10055 10054 10059 303 10000
	Temp,Humid Sensor	2	9.36	18.72	0	https://www.aliexpress.com/item/10PCS-Single-Bus-DHT11-Digital-Temperature-and-Humidhy-Sensor-for-Andurio-DHT11-Probe/52712380217.htm?ws.ab test=searchweb0 0.searchweb201602 5 10152 10085 10151 10208 10088 10304 10138 10137 10080 10302 10155 10082 437 10154 10056 10055 10055 10054 10059 303 100031 11
s	Window Shades Relay	30	0.7	21	0	https://www.aliexpress.com/item/New-Relay-Shield-for-Arduino-WeMos-D1-Mini-ESP8268-Development-Board-WeMos-D1-Relay-Module-Free/32770465552.htm?/ws. ab test-searchweb0 0_searchweb201602 5 10152 10065 10151 10208 10088 10304 10136 10137 10060 10302 10155 10062 437 10154 10058 10055 10054 10059 3
OT	CO2 Sensor	1	170	170	0	0 https://www.alleupress.com/illemFast-Free-shipping-Spcs-io/-Carbon-dioxide-sensor-MH-Z19-co2-module-sensor-MH-Z19-co2-m
	Temp,Humid Sensor	1	9.36	9.36	0	0 https://www.alleupress.com/item/10PCS-Single-Bus-DHT11-Digital-Temperature-and-Humidity-Sensor-for-Archino-DHT11-Probe/32712350217.htm?/ws. ab. test-searchweb0 0.searchweb201602 5 10152 10085 10151 10208 10088 10004 10138 10137 10080 10032 10155 10082 437 10154 10056 10055 10054 10059 303 100031 10
RO	RC Power Outlet	4	30.37	121.48	0	0 titos://www.afexpress.com/item/EU-Standard-RF433WHz-Smart-Socket-Wireless-Wait-Plug-WiF-Remote-Control-Socket-Combine-With-Broadlink-RM/32859131976.html?vs. ab_testresearthweb0_0.searchweb201602_5_10152_10005_10151_10208_10304_10138_10137_10000_10302_10155_10005_437_10154_5000011
RS	RC Light Switch	21	9.89	207.69	0	0 https://www.allexpress.com/firem/Free-Shipping-Livide-Luxury-White-Crystal-Glass-Switch-Panel-EU-Slandard-VL-C701-11-110-250/V/51288492 html /ws ab test-searchweb0 0_searchweb0_0_search
TM	RC Themrostat Relays		0.7	1.4	0	O https://www.allexpress.com/item/New Relay-Shield-for-Antino-Wieldes-D-Limit-ESP\$289-Development-Board-Weblos-D-Limit-
MT	Motion Detection (Light)	2	7.33	14.66	0	0 https://www.alcopress.com/imm@sci-of-Hc-S8901-HR-Detector-Module-PRA-Motion-Sensor-Security-infrared-process-common-infrared
11	Light Intensity Sensor	11	0.68	7.48	0	0 https://www.allexpress.com/item/Optics/Sensitive Resistance-Sensor-Module-Light/Intensity-Detect/Photosensitive-Sensor-for-Adulus-Light/Inte
PC	Pool Cover (RC) Relay		0.7	0.7	0	0 https://www.alespress.com/imit/New Allespress.com/imit/New Allespress.com/im
Di.	Pool RGB Light		19.17	115.02	0	0 https://www.allegoress.com/im/Waterprose/LED AGB-strip-in/bit 10094-10095-10095-10094-10091-10094-10095-10
PM		4	0.7	0.7	0	
GD	Pool Pump RC Relay		0.7	0.7	0	0 https://www.allexpress.com/tem/New-Relay-Shield-for-Apduro-WelMos-D1-Mini-ESP8286-Development-Board-WelMos-D1-Relay-Module-Free/32770445552 htm?vs. ab. test-searchweb0.0.searchweb201602, 5.10152, 10086-10394-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10390-10138-10137-10080-10138-
GD RG	Relay for existing opener RGB Strips	1	12.99	0.7 77.94	0	0 titos//www.allesporess.com/fem/Plene Politys/Sniels-for-Adurus/Velloc-D1-Affin: ESPRESS-Development Beauty-Welloc-D1-Affin: ESPRESS-Development Beauty-W
MR		0	12.99	77.94	0	0 https://www.allexpress.com/item/Vaterproof-LED-RGB-strin-light-SM059050-IP85-Flexible-Light-30LED-M-SM-DC-12V-Adapter-Power/32718099098 html/nss_ab_testsearchweb0_0.searchweb0_0.searchweb0_0.searchweb0_01055-10088-5330011_10304_10138_10137_10080_10302_10155_10082_437_10154_10008_10302_10155_10088_10302_10155_10088_10303_10303_10155_10088_10303_
MB FD	Reed Switch	0		0	0	0 https://www.aliexpress.com/item/The-new-magnetic-reed-switch-glass-sealed-portion-size-imported-1-8-7MM-normally-open/1694264389 html?ws_ab_jestsearchueb0_0_searchweb001002_5_10152_10088_10031_10030_10136_10137_10060_10032_10155_10008_2437_10154_10058_3033_100031_10099_1
FU	Reed Switch	U	0	0	U	0 https://www.aliexpress.com/item/The-new-magnetic-reed-switch-glass-sealed-portion-size-imported-1-8-7MM-normally-open/1694264389 html/ws_sb_test-searchweb0_0_searchweb201692_5_10152_10085_10151_10208_10088_10304_10136_10137_10080_10302_10155_10082_437_10154_10058_10058_10054_10059_303_100031_10099_1
RV	Vaccum RC	2	0.77	1.54	0	0 https://www.allexpress.com/item/1Seb-Infrared-Remote-Control-Module-Wireless-IR-Receiver-Module-DIV-Kib-HX1838-fon-Anduino-Raspberry-Pi3287529898 html?ws_ab_testressarchweb0_0_searchweb201602_5_10152_10065_10151_10208_10081_10304_10136_10137_10060_10302_10155_10062_437_10154_10066_10055_10054_50065_1005
RF	RF Transmitter (RC Switches, RC Outlets)	1	2.88	2.88	0	https://www.aliexpress.com/item/*ILot-5-pain-10pcs-433Mhz-RF-transmitter-and-receiver-Module-link-kit-for-Anduino-ARM-MCU/32856258905 htm//ws_ab_test-searchweb0_0.searchweb0_0.5earchweb0_
SS	I2S DAC	9	9.13	82.17	0	0 https://www.allexpress.com/item/ES9018K2M-DAC-board-I2S-INFUT-decoder-IIS-32bi-384K-DSD-DSD25R/37273186376 htm?vs_ab_jestssearchweb0_0.searchweb201602_5_10151_10088_5330011_10304_10136_10137_10080_10302_10155_10082_437_10154_10088_10055_10054_10059_303_1000031_10099_5320_100005_10151_10008_10008_1
	Sound System	9 http://hackaday.com/2015/		1443.06	0	0 https://geishats.eu/pioneer-s-hs100-black-a535459.htm??hioceat
	Micrphone	10	119.9	1199	0	0 https://www.amazon.de/Philips-LFH9172-Meeting-Mikrofon-Integriette-Kabelaufbewahrungide/B00193WW2Girefesr_1_2Piee-UTF88qid=14890434108sr=8-28keywords=Raummikrofon
			Total	8211.77 Total		56.625