

## Enclosure and System

Item Description	Supplier	Manufacturer	Part Number	Qty	Price	Euros	Extended URL
1 Mild Steel Cabinet IP66 300x300x150	Eurobox Enclosures	Sarel	83502	1	£48.17	€52.82	€52.82 <a href="http://www.euroboxenclosures.co.uk/mild-steel-cabinets.php">http://www.euroboxenclosures.co.uk/mild-steel-cabinets.php</a>
2 Internal Mounting Plate	Eurobox Enclosures	Sarel	55702	1	£4.84	€5.31	€5.31 <a href="http://www.euroboxenclosures.co.uk/mild-steel-cabinets.php">http://www.euroboxenclosures.co.uk/mild-steel-cabinets.php</a>
3 12v 7AH gel batteries	Irish Wireless	Horizon	CB1270	3	€16.00	€16.00	€48.00
4 Co-ax seal		IW-CSR		1	€25.00	€25.00	€25.00 <a href="http://www.irishwireless.eu/shop/item.aspx?itemid=112">http://www.irishwireless.eu/shop/item.aspx?itemid=112</a>
5 Atom-based Single Board Computer	Eurotech	Eurotech	Proteus	1	€864.00	€864.00	€864.00
6 Router Board	Irish Wireless	Mikrotik	RB411	1	€39.00	€39.00	€39.00 <a href="http://routerboard.com/popup.php?kods=92">http://routerboard.com/popup.php?kods=92</a>
7 Wireless Card	Irish Wireless	Engenius	EMP-8603	1	€69.00	€69.00	€69.00 <a href="http://www.irishwireless.eu/shop/item.aspx?itemid=268">http://www.irishwireless.eu/shop/item.aspx?itemid=268</a>
8 High-gain antenna	Irish Wireless	Itelite	OMD-24012V	1	€89.00	€89.00	€89.00 <a href="http://www.irishwireless.eu/shop/item.aspx?itemid=8">http://www.irishwireless.eu/shop/item.aspx?itemid=8</a>
9 Antenna extension cable	Irish Wireless		400-Nm-Nm-2000	1	€24.00	€24.00	€24.00 <a href="http://www.irishwireless.eu/shop/item.aspx?itemid=79">http://www.irishwireless.eu/shop/item.aspx?itemid=79</a>
10 EMP-8603 to case cable	Irish Wireless			1	€15.00	€15.00	€15.00 RF Cable, LBC100, N Type B/H Female to MMCX R/A Plug, 200mm)€15
11 CABLE GLAND BRASS DOME TOP M12	Farnell	JACOB	50612MLLNf	1	€2.89	€2.89	€2.89 <a href="http://ie.farnell.com/jsp/search/productdetail.jsp?sku=236615">http://ie.farnell.com/jsp/search/productdetail.jsp?sku=236615</a>
12 TELEMECANIQUE - ZB2BD2 - SELECTOR SWITCH HEAD	Farnell	Telemecanique	ZB2BD2	1	€13.65	€13.65	€13.65 <a href="http://ie.farnell.com/telemecanique/zb2bd2/selector-switch-head/dp/175462">http://ie.farnell.com/telemecanique/zb2bd2/selector-switch-head/dp/175462</a>
13 TELEMECANIQUE - ZB2BE101 - CONTACT BLOCK, 1NO	Farnell	Telemecanique	ZB2BE101	1	€4.80	€4.80	€4.80 <a href="http://ie.farnell.com/telemecanique/zb2be101/contact-block-1no/dp/17545f">http://ie.farnell.com/telemecanique/zb2be101/contact-block-1no/dp/17545f</a>
14 VOLTMETER, LED, BLUE, 2-WIRE	Farnell	DATEL	DMS-20PC-0-DCM-B-C	1	€55.71	€55.71	€55.71 <a href="http://ie.farnell.com/datel/dms-20pc-0-dcm-b-c/voltmeter-led-blue-2-wire-dc/dp/133931">http://ie.farnell.com/datel/dms-20pc-0-dcm-b-c/voltmeter-led-blue-2-wire-dc/dp/133931</a>
15 16gb microSD card	Memoryc	A-Data	11442	1	€59.54	€59.54	€59.54 <a href="http://www.memoryc.ie/products/description/16GB_A_Data_Turbo_microSDHC_CL6-TransFlash-Memory_Card_w_SD_miniSD_adapt">http://www.memoryc.ie/products/description/16GB_A_Data_Turbo_microSDHC_CL6-TransFlash-Memory_Card_w_SD_miniSD_adapt</a>

## Solar Panels and Stand

Item Description	Supplier	Manufacturer	Part Number	Qty	Price	Euros	Extended URL
16 Solar Panel	Sunshine Solar	Sunshine Solar	fastFIX 20w12v	3	€150.00	€150.00	€450.00 <a href="http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/SS20WP.html">http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/SS20WP.html</a>
17 Solar Charge Controller 10A - 12/24v	Sunshine Solar	Sunshine Solar	ERG10A	1	€46.95	€46.95	€46.95 <a href="http://www.sunshinesolar.eu/gbu0-prodshow/E-REG10A.html">http://www.sunshinesolar.eu/gbu0-prodshow/E-REG10A.html</a>
18 Solar Panel ext cable	Sunshine Solar	Sunshine Solar	n/a	1	€10.00	€10.00	€10.00 <a href="http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/EXCAB.html">http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/EXCAB.html</a>
29 Solar Panel connector cable	Sunshine Solar	Sunshine Solar	n/a	1	€10.00	€10.00	€10.00 <a href="http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/4WAY.html">http://www.sunshinesolar.co.uk/khxc/gbu0-prodshow/4WAY.html</a>
20 4002 Mounting System	Bright Green Energy	Unirac	Series 4002	1	£150.00	€164.47	€164.47 <a href="http://www.brightgreenenergy.co.uk/unirac_pole_mounting_frame.asp">http://www.brightgreenenergy.co.uk/unirac_pole_mounting_frame.asp</a>
21 Stand: 2 off dia60 x 1m sect. with 950mm sq. Base	James Muldowney	OEM		1	€430.00	€430.00	€430.00

**TOTAL** €2,479.13

## Extras

Item Description	Supplier	Manufacturer	Part Number	Qty	Price	Euros	Extended URL
3 Cable ties							
5 Serial Cable							
9-Pin D Connector	Farnell	LTW	LTWDB-09BMMMA-SL7001	1	€9.32	€9.32	€9.32 <a href="http://ie.farnell.com/ltw/ltwdb-09bmma-sl7001/plug-d-ip67-66-free-9way/dp/117008">http://ie.farnell.com/ltw/ltwdb-09bmma-sl7001/plug-d-ip67-66-free-9way/dp/117008</a>
Hirose Plug	Farnell	Hirose	DF11-10DS-2C	1	€2.60	€2.60	€2.60 <a href="http://ie.farnell.com/hrs-hirose/df11-10ds-2c/housing-2mm-10way/dp/168830">http://ie.farnell.com/hrs-hirose/df11-10ds-2c/housing-2mm-10way/dp/168830</a>
Hirose Pushpin leads	Farnell	HRS	CASS-0837	1	€4.60	€4.60	€4.60 <a href="http://ie.farnell.com/hrs-hirose/cass-0837/wire-ckt-300mm/dp/1688396?Ntt=CASS-0837">http://ie.farnell.com/hrs-hirose/cass-0837/wire-ckt-300mm/dp/1688396?Ntt=CASS-0837</a>
6 Voltmeter cable							
7 Power cable (from solar)							
8 Power connector blocks							
9 Mikrotik power connector (jack)	Farnell	LUMBERG	NES/J 250 S	1	€0.72	€0.72	€0.72 <a href="http://ie.farnell.com/lumberg/nes-j-250-s/plug-low-voltage-2-5mm/dp/1217035?crosssellid=1217035&amp;crosssell=true&amp;in_merch=true">http://ie.farnell.com/lumberg/nes-j-250-s/plug-low-voltage-2-5mm/dp/1217035?crosssellid=1217035&amp;crosssell=true&amp;in_merch=true</a>
10 USB hub	Farnell	Newlink	NLUSB2-202	1	€15.52	€15.52	€15.52 <a href="http://ie.farnell.com/newlink/nlusb2-202/hub-mini-usb-2-0-2port/dp/870435">http://ie.farnell.com/newlink/nlusb2-202/hub-mini-usb-2-0-2port/dp/870435</a>
USB extender cable	Farnell	Pro Signal	USB2-020	1	€2.32	€2.32	€2.32 <a href="http://ie.farnell.com/pro-signal/usb2-020/lead-usb2-0-a-plg-ckt-0-5m/dp/101995">http://ie.farnell.com/pro-signal/usb2-020/lead-usb2-0-a-plg-ckt-0-5m/dp/101995</a>
Ethernet patch cable							

## Mounting Board

5 M36 PRSTMCZ100- - SCREW, POZI PAN, STEEL, BZP, M3X6	Farnell	DURATOOL	M36 PRSTMCZ100-	1	€1.94	€1.94	€1.94 <a href="http://ie.farnell.com/duratool/m36-prstmcz100/screw-poz-pan-steel-bzp-m3x6/dp/141998">http://ie.farnell.com/duratool/m36-prstmcz100/screw-poz-pan-steel-bzp-m3x6/dp/141998</a>
6 M3- HFST-Z100- - FULL NUT, STEEL, BZP, M3	Farnell	DURATOOL	M3- HFST-Z100-	1	€1.56	€1.56	€1.56 <a href="http://ie.farnell.com/duratool/m3-hfst-z100/full-nut-steel-bzp-m3/dp/141944">http://ie.farnell.com/duratool/m3-hfst-z100/full-nut-steel-bzp-m3/dp/141944</a>
7 D01100 - WASHER, FORM A, BZP, M3	Farnell	DURATOOL	D01100	1	€1.04	€1.04	€1.04 <a href="http://ie.farnell.com/duratool/d01100/washer-form-a-bzp-m3/dp/162398">http://ie.farnell.com/duratool/d01100/washer-form-a-bzp-m3/dp/162398</a>
10 HARWIN - R30-3000802 - SPACER, M-F, 8MM, PK25	Farnell	Harwin	517630	1	€5.64	€5.64	€5.64 <a href="http://ie.farnell.com/harwin/r30-3000802/spacer-m-f-8mm-pk25/dp/51763">http://ie.farnell.com/harwin/r30-3000802/spacer-m-f-8mm-pk25/dp/51763</a>
11 95 x 127 mm matrix board	Rapid Electronics		34-0585	3	€1.10	€1.24	€3.71

## Battery Harness

12 CRIMP TERMINAL, FEMALE, 4.8X0.5MM	Farnell	TYCO	3-520410-2	10	€0.29	€0.29	€2.90 <a href="http://ie.farnell.com/tyco-electronics-amp/3-520410-2/crimp-terminal-female-4-8x0-5mm/dp/48844">http://ie.farnell.com/tyco-electronics-amp/3-520410-2/crimp-terminal-female-4-8x0-5mm/dp/48844</a>
13 WIRE, 2491B, BLACK, 0.75MM, 100M	Farnell	Pro Power	PP79	1	€25.00	€25.00	€25.00 <a href="http://ie.farnell.com/pro-power/pp79/wire-2491b-black-0-75mm-100m/dp/146592">http://ie.farnell.com/pro-power/pp79/wire-2491b-black-0-75mm-100m/dp/146592</a>
14 WIRE, RED, 0.75MM, 100M	Farnell	Pro Power	CBBR0395	1	€15.56	€15.56	€15.56 <a href="http://ie.farnell.com/pro-power/cbbr0395/wire-red-0-75mm-100m/dp/117774">http://ie.farnell.com/pro-power/cbbr0395/wire-red-0-75mm-100m/dp/117774</a>

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