

**S1 Table. Cost breakdown by component.**

Item Description	Cost (£)	
	Full System	Minimum System
Raspberry Pi 2, model B	28.07	28.07
Raspberry Pi (NOIR v1) camera	20.15	20.15
Infrared LED panel	15.99	15.99
Real-time clock	10.19	10.19
PIR sensor	6.30	6.30
X-band microwave sensor	40.00	-
12 to 5V converter	15.44	15.44
IP66 enclosure	25.00	25.00
Weatherproof ethernet connector	22.00	-
Misc. small components	20.00	20.00
<b>Sub Total (excluding power)</b>	<b>203.14</b>	<b>141.14</b>
Solar panel	119.99	-
12 V deep-cycle rechargeable battery	160.48	50.00
Battery box	64.99	25.00
<b>Total (including power)</b>	<b>548.6</b>	<b>216.14</b>