

Front structure

Number: **1**
Material: **ABS**
Production Process: **Injection Moulding**
Cost /part: **£0.51**

Solar Panels

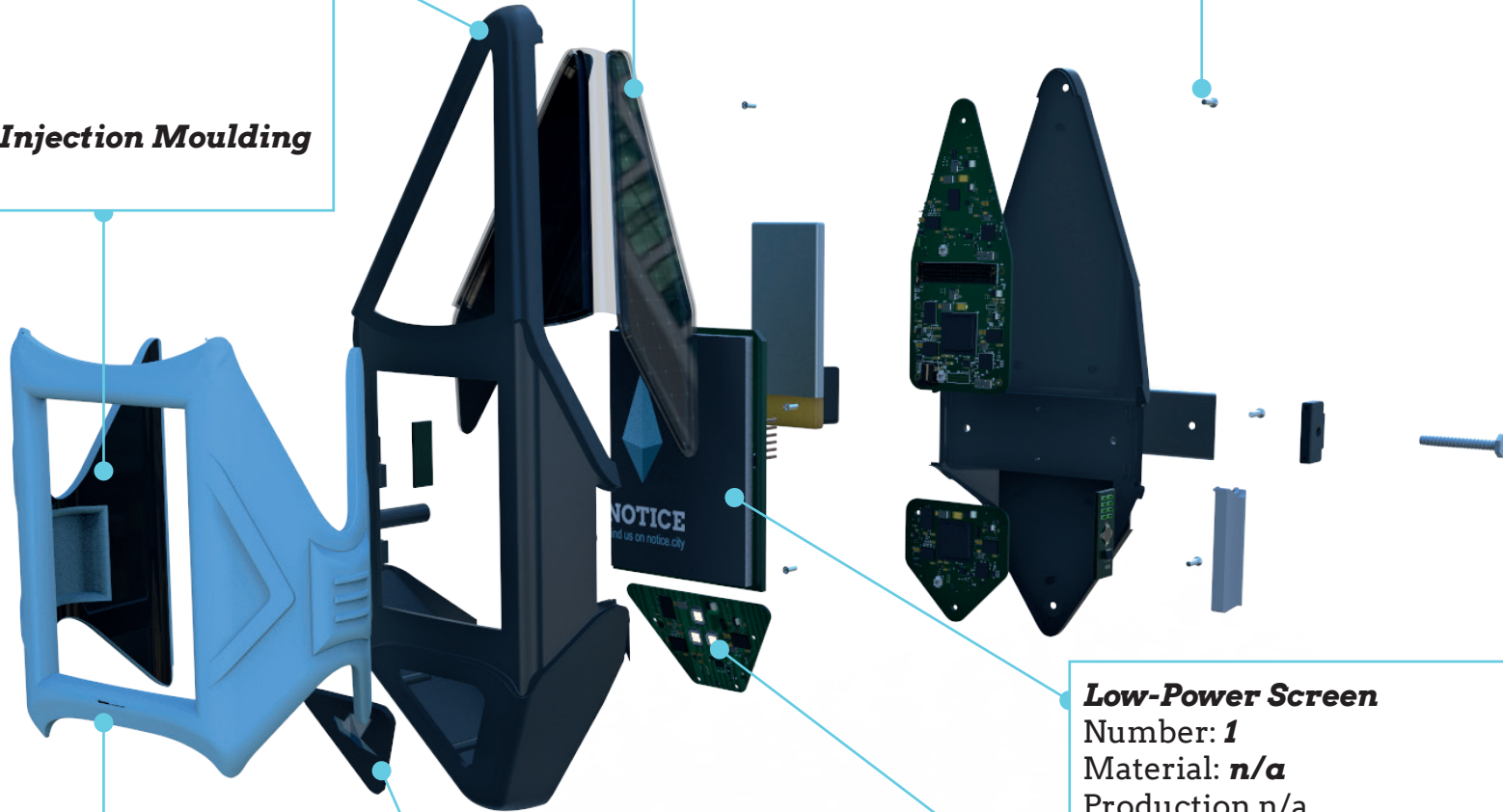
Number: **n/a**
Material: **n/a**
Production Process: **n/a**
Cost /part: **£1.11**

Screws

Number: **19**
Material: **Stainless Steel**
Production Process: **n/a**
Cost /part: **£0.02**

Snap-On Frontage

Number: **1**
Material: **PP**
Production Process: **Injection Moulding**
Cost /part: **£0.31**



Low-Power Screen

Number: **1**
Material: **n/a**
Production **n/a**
Cost /part: **£1.08**

Snap-On Frontage 2

Number: **1**
Material: **Silicone**
Production Process: **Over Moulding**
Cost /part: **£0.12**

LED Character Cover

Number: **1**
Material: **Acrylic**
Production Process: **Laser Cutting**
Cost /part: **£0.01**

LEDs

Number: **3**
Material: **n/a**
Production Process: **n/a**
Cost /part: **£0.02**

Battery

Number: **1**
Material: **n/a**
Production Process: **n/a**
Cost /part: **£0.40**

PCBs, RFID sensors, dome buttons

Number: **n/a**
Material: **n/a**
Production Process: **n/a**
Cost /part: **£1.01**

Back structure

Number: **1**
Material: **ABS**
Production Process: **Injection Moulding**
Cost /part: **£0.42**

Additional costs that would need to be considered:

- Labour
- Packaging
- Transport
- Storage

Groove Cap

Number: **1**
Material: **PP**
Production Process: **Injection Moulding**
Cost /part: **£0.08**

Groove

Number: **1**
Material: **Aluminium**
Production Process: **Extrusion**
Cost /part: **£0.20**

Screw Centre

Number: **1**
Material: **PP**
Production Process: **Injection Moulding**
Cost /part: **£0.08**

Costing based on manufacture of 100,000 units.

Total Cost of manufacture: £5.86

Strap

Number: **1**
Material: **Aluminium**
Production Process: **Milled & Sheet bent**
Cost /part: **£0.10**

Buttons

Number: **2**
Material: **PP**
Production Process: **Injection Moulding**
Cost /part: **£0.05**

