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| **Sensor/Input** | **Use** | **Link** | **Price(Prototype)** | **Bulk** |
| Waterproof Ultrasonic Sensor  (On Gate?) | * Abort gate closing when object is impeding * Alert when object arrives at gate? * Open when car leaves | https://www.amazon.co.uk/SODIAL-Ultrasonic-Horizontal-Transducer-Waterproof/dp/B074R98X15/ref=sr\_1\_2?ie=UTF8&qid=1537470484&sr=8-2&keywords=waterproof+ultrasonic+sensor | £7 |  |
| RC522  +6 Chips  +1 Card | * Chip/Card Reader | https://www.amazon.co.uk/IZOKEE-RFID-RC522-13-56MHz-Arduino-Raspberry/dp/B076HTH56Q/ref=sr\_1\_7?ie=UTF8&qid=1537470550&sr=8-7&keywords=rc522&th=1 | £6.29 | 5x = £15 |
| Keypad | * Passcode Entry | https://www.amazon.co.uk/Universial-Switch-Keypad-Keyboard-Arduino/dp/B018CGKAYY/ref=sr\_1\_4?s=electronics&ie=UTF8&qid=1537471532&sr=1-4&keywords=keypad+arduino | £3 |  |
| Arduino Uno/Mega  (Elegoo) | * Micro |  | £7 |  |
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