**PinMode layout**

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| --- | --- | --- | --- |
| **Pin Number** | **Mode** | **Hardware** | **Use** |
| 18 | Input | Magnet switch | Front door trigger |
| 4 | Output | LED | Front door light |
| 13,3,5,6,7 | Output | LED | Outside spots |
| 22,24,26,28 | Output | Relay | Outside lights |
| 19 | Input | Motionsensor | Outside motion sensor |
| 8,9,10,11 | INPUT | RF-remote | Button A,B,C,D |
| 12 | INPUT | Clock module | Interrupt timer |

Outside lights:

* Light sensor & motion sensor & time
* Gaan aan op basis van licht en vervolgens na 1 uur op basis van motion sensor.
* Vanaf 6 uur s’ochtends weer aan op de licht sensor.

Outside spots

* Alleen aan op remote.

**Serial commands**

|  |  |
| --- | --- |
| **Command** | **Function** |
| VER | Displays the currently running version on the device. |
| DOO | Displays the door status, if it’s open or closed. |
| STM{seconds}{minutes}{hour}{day of week}{day of month}{month}{year} | Set the time module time. |
| GTM | Displays the current time in the time module. |
| LUX | Displays the current amount of lux measured by the light sensor. |
| MOT | Displays if there is motion or not. |
| SIN{Seconds} | Set the amount of time between light sensor check interval. |
| GIN | Displays the amount of seconds between each interval. |
| SLL{lux} | Set the amount of lux when the lights need to turn off again (Make sure it’s at least 150-200 lux more than the amount of lux when they turn on) |
| SLD{lux} | Set the amount of lux when the lights need to turn on again (Make sure it’s at least 150-200 lux more than the amount of lux when they turn off) |
| GLL | Displays the amount of lux that’s needed to turn off the lights. |
| GLD | Displays the amount of lux that’s needed to turn on the lights. |
| STS{hour} | Set the hour of the day from when the Light sensor needs to determine whether or not lights are on. |
| STE{hour} | Set the hour of the day from when the Motion sensor needs to determine whether or not lights are on. |
| GTS | Displays the time after which the light sensor starts working. |
| GTE | Displays the time after which the motion sensor starts working. |
| GSP{spot number} | Displays the brightness of the spot. |
| SSP{spot number}{value} | Set the value of a spot. |
| GLG{light number} | Displays if the light is on or off. |
| TMP | Displays the temperature inside the box. |