Case Study: Buckinghamshire

Project
Control of lighting to front and rear of property including driveway trigger.

Control
Client wanted touch panel control and automatic driveway entry / exit courtesy lighting.

Lighting
Brick lights in front wall and rear patio area and wall mounted lanterns

Existing
Lighting already existed but controlled manually from separate internal switches.

Light Symphony Solution

This property had three existing lighting circuits which were switched manually from separate locations in the house, known as the driveway, rear patio and wall lanterns.

Three wireless lighting controllers were installed in positions (A) which enabled all the existing wiring to be utilised and left scope for future expansion.

A break-beam type detector was installed across the in/out driveway which provided a trigger for the lighting as cars passed without the possibility of nuisance trigger that a PIR would have caused.

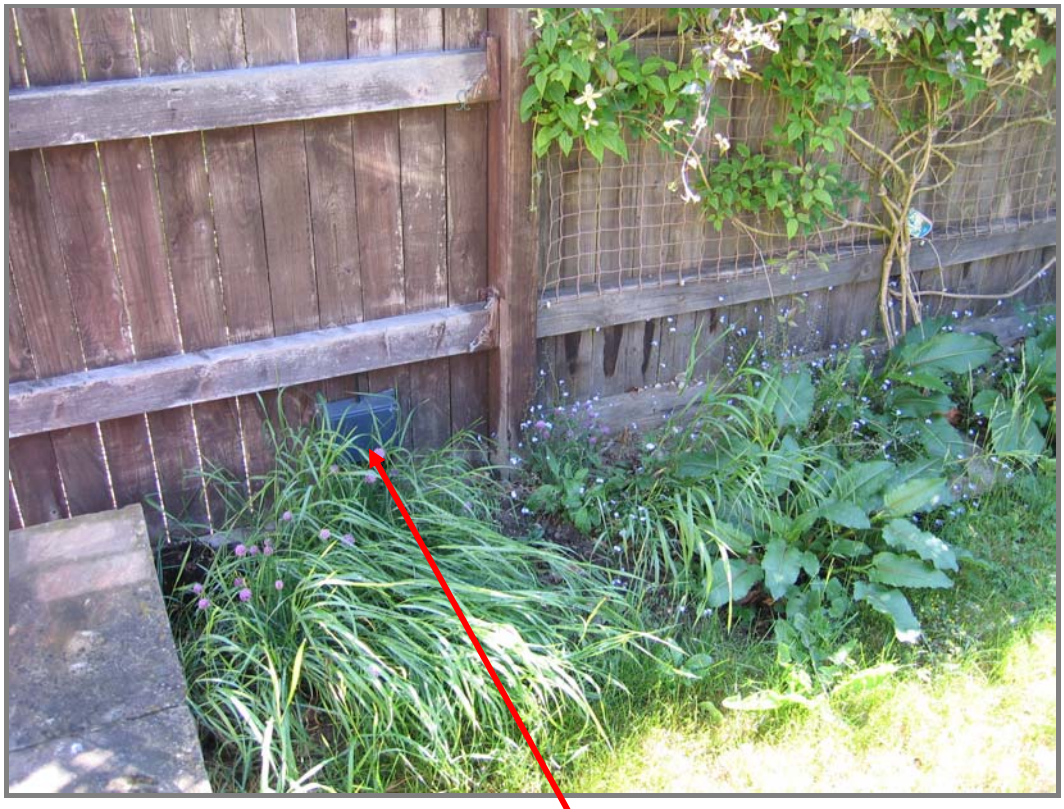
The drive-way lights were split into two zones enabling a low level of ambient light until a car arrived, when both zones were triggered to provide maximum lighting for 5 minutes.

A wireless base-station was installed (B) which provided timed dusk/dawn control for the drive-way lighting using its astronomical clock.

The client opted for individual control of the rear patio and wall lanterns using separate wireless controllers. Although a single 2-channel controller could have been used, having two units allowed the existing buried cable feeding the rear patio lights to be used in the future as a supply for additional garden lighting.

The client wanted a remote control, wireless wall switch and a touch-panel, which was installed in the kitchen;

Rear Garden



Patio’s Lighting Control Module