

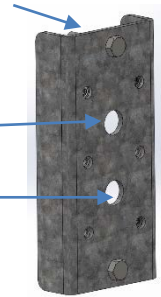


# DOFYGATE

Driver Operated Field and Yard Gate

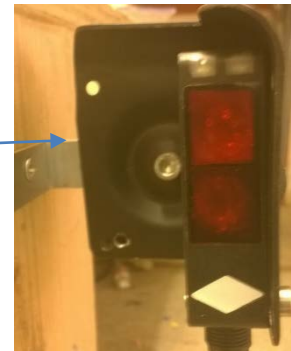
## Note to fitting of the Dog Gate

The post plates should be fitted to the post in such a way that the top of the post plate is 33 cms from the ground. This will provide a gap between the ground and the bottom rail of 10 cms assuming level ground if the adjustable bracket is fixed into the bottom hole. The 10 cm gap is suitable for small terriers but if the gate can be raised to the upper hole in the post plate then that would be better for the Infra-Red sensor in the 'as delivered' position.



The infra-red sensors are mounted under the gate cabinet 'as delivered'. Depending on situation this may be too low when using with the dog gate version. The sensor will keep the gate open for three seconds after an obstruction has been seen and passed so it will see a car wheel and remain open until the car has passed. Where there is a chance the vehicle may stop in the gateway or be particularly slow moving or where undergrowth may regularly interfere with the sensor then one or both of the sensors can be mounted on the post in a higher position. Since the gates 'talk' to each other only one sensor needs to 'see' something for both units to react.

Included are a pair of mounting brackets so these sensors can be mounted on the post in a higher position. There is sufficient cable in the cabinet to allow this. To access the extra cable the cabinet will need to be removed by undoing the screws on either side of the cabinet. You may wish to get the gate working first and then re-position the infra-red sensors later.



The sensors are diffuse infra-red and do not require a reflector. If you do relocate then I suggest a height of 40-70 cms. Avoid setting the sensors to look directly at each other.

### PLEASE NOTE

WHEN THE GATE IS TURNED ON THERE SHOULD BE NOTHING IN FRONT OF THE SENSORS. IF THERE IS THE GATE WILL PLACE ITSELF IN MANUAL MODE WHICH MEANS IT WILL NOT AUTOMATICALLY CLOSE. IF THIS HAPPENS THEN TURN OFF AND ON AGAIN WITH THE SENSOR CLEAR. EACH SENSOR HAS A RANGE OF ABOUT 2.5M BUT CAN BE MORE IF IT IS FACING A REFLECTIVE SURFACE. DO NOT MOUNT THE SENSORS SO THEY EXACTLY FACE EACH OTHER. TWIST ONE SO THAT IT IS POINTING SLIGHTLY AWAY FROM THE GATE BUT NOT TOWARDS THE GATE OR IT WILL PICK UP THE BOTTOM BARS AS THE GATE CLOSSES.

You can tell if the sensor / gate is in automatic mode by

Opening the gate and waiting to see if it closes automatically (8 seconds) or standing to one side look at the sensor as you turn it on. The LED on top of the sensor should flash momentarily green. If it flashes momentarily green and orange then it has seen something and will revert to manual mode.

The green LED comes on when the sensor is active and the orange LED comes on when the sensor sees something and the gate will not close while the orange led is lit.