



**Installation height of the outdoor camera :**  
**2m80 to 3m (9' to 9 1/2') to the bottom of the camera**

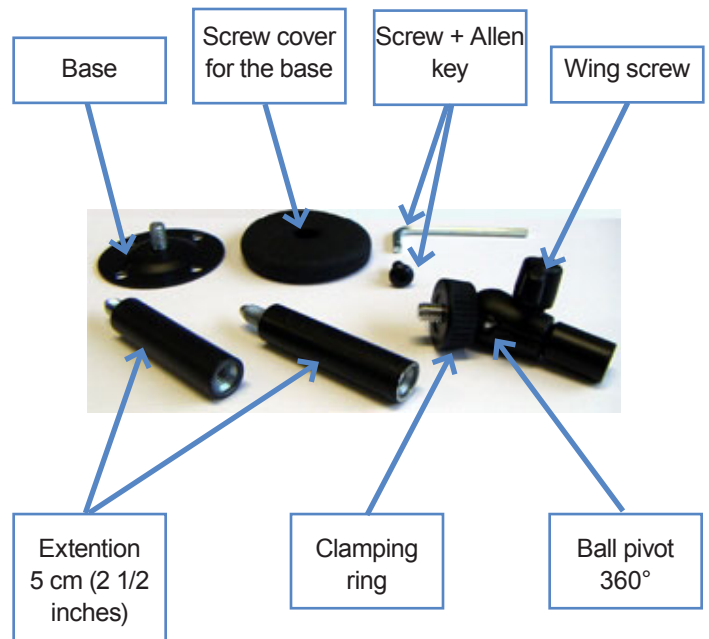


The outdoor MotionViewer detector DCV250/DCV650/DCV750 is integrated with filters and analytical levels which enables it from untimely triggering on with the presence of small animals : rabbits, cats, birds.... However, dogs, foxes and wild boars can be detected.

It is highly recommended to use a camera head kit (no Kodak screw) or our MB100 camera kit to fix the camera, indeed, if you bore a hole in the lower stand of the camera, its waterproofness will be lost...

**Composition of the MB100 kit**

- Base stand with screw cover.
- A camera head enabling a 360° orientation of the camera with a wing screw (or Allen screw supplied with its key).
- Two extension cords - 5 cm each. Camera fixing screw (diameter 6.35 mm - 20 threads per inch).



### Recording of the detector

The alarm panel must be put in "Recording device mode", and the keypad must display "**PRESS PROGRAM BUTTON OF DEVICE**".

- 1 Insert the 3 Lithium batteries **LS14500** (in the same directions).
- 2 Press the PROGRAM BUTTON of the camera detector, release as soon as the indicator flashes.
- 3 Carefully place the block camera on its base and screw down the 4 clamping screws.
- 4 Fix the base of the ball and socket head on a desired height and place (while respecting fixing height).
- 5 Place the screw cover on top and screw down the ball pivot.
- 6 If need be, use extentions then screw them down to the camera detector on the top of the ball and socket head (or extentions) and screw down the ring of the ball and socket head in order guarantee adequate fixing.
- 7 Finally, direct the camera as required and tighten with wing screw or Allen screw (to be used instead of the wing screw).
- 8 Test the RF range (RSSI level at 20 seconds).
- 9 Allocate an area (with direction arrows of the keypad) and validate with the [YES] key.
- 10 Name the device.
- 11 Test the detection coverage area.

> Possibility of testing RF cover (minimum radio level at 20).

> Possibility of testing the detection cover range.

\* This indicator will no longer flash from then on except at opening, arming or during a detection test.

DCV means DCV650 for USA/Canada, DCV750 for Australia/Singapore and DCV250 for Europe and rest of the world.

Back wall



Location of the ball pivot, camera fixing screw

Camera block

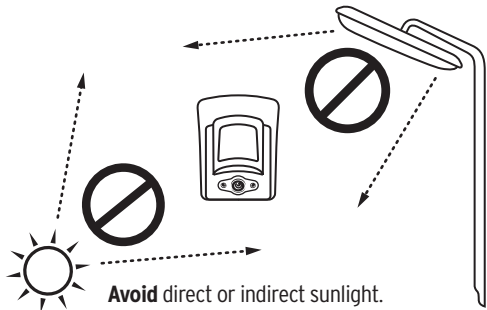


Self protection of the camera

Program Button

1

**Do not** install unit near any area exposed to direct intense light or flourescent lamps



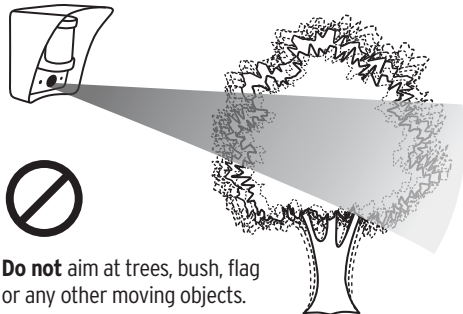
**Avoid** direct or indirect sunlight.

2



**Avoid** mounting MotionViewer nearby an exhaust duct or an area exposed to steam or oil, and where movement of fans or air conditioning fans can be detected

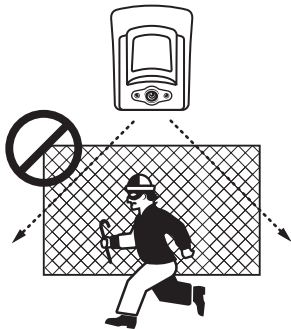
3



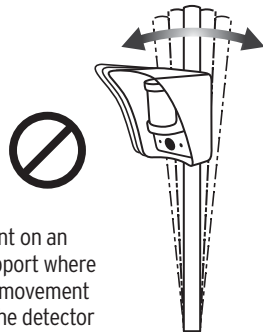
**Do not** aim at trees, bush, flag or any other moving objects.

4

**Avoid** mounting MotionViewer where a detection area or the angle of the view of camera is obstructed.



5



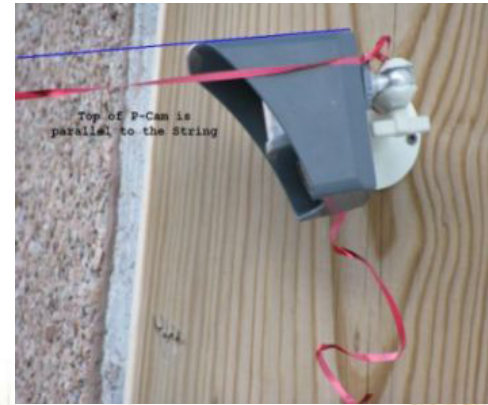
**Do not** mount on an unstable support where vibration or movement may affect the detector



**The** DCV650 Outdoor MotionViewer PIR is set up to detect directly out from the camera and does not have a natural down angle. With this knowledge it is important to play to the strengths of the camera when mounting by tilting the camera about 10 degrees down so that the PIR will hit the ground at 40'.

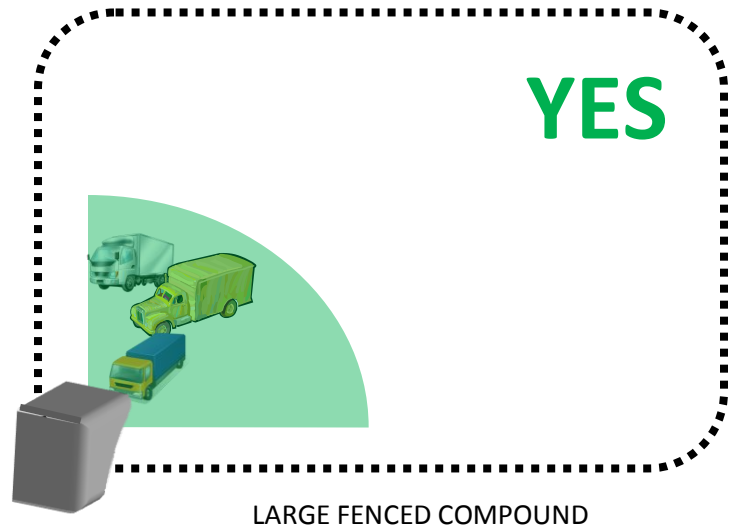
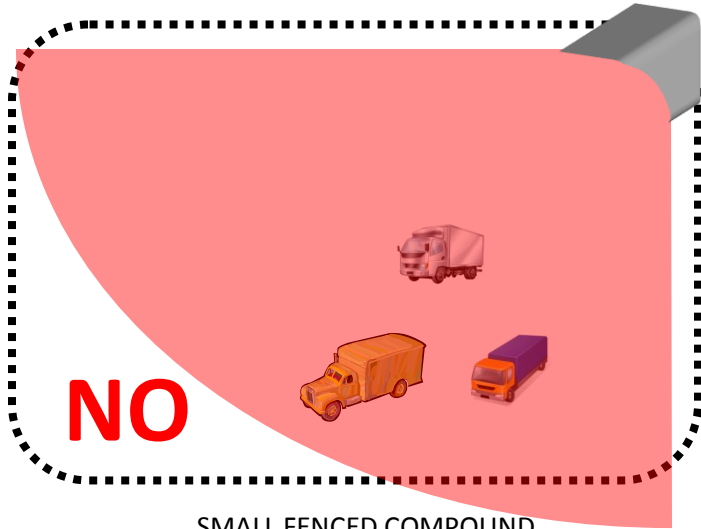
You see that when the camera is tilted at 10 degrees down the PIR now hits a solid object at 40' instead of viewing the road just beyond the dumpster catching cars that may just pull in to turn around. With "ASSET PROTECTION" in mind you only want to watch the dumpster or people that are walking up or pulling up to the garage door just to the side of the camera.

Another reason you want the PIR to hit the ground at 40' is because of the illumination the camera provides. The illuminators on the Outdoor MotionViewer go to 30'. Sending the PIR into infinity you will not be able to see something that is farther than 30' at night and also could view areas that will create false alarms.

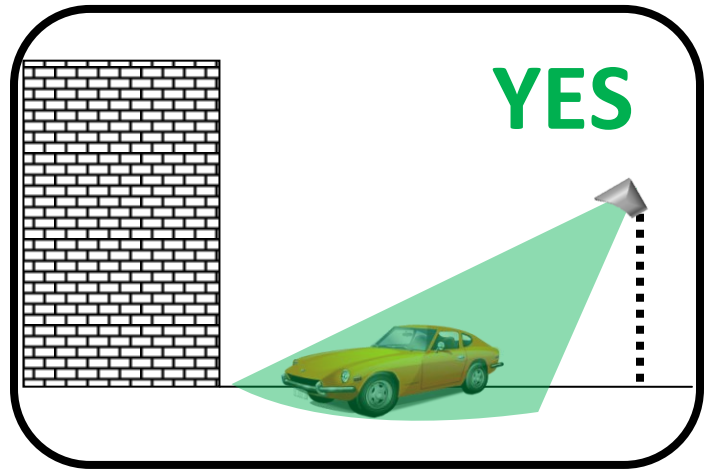
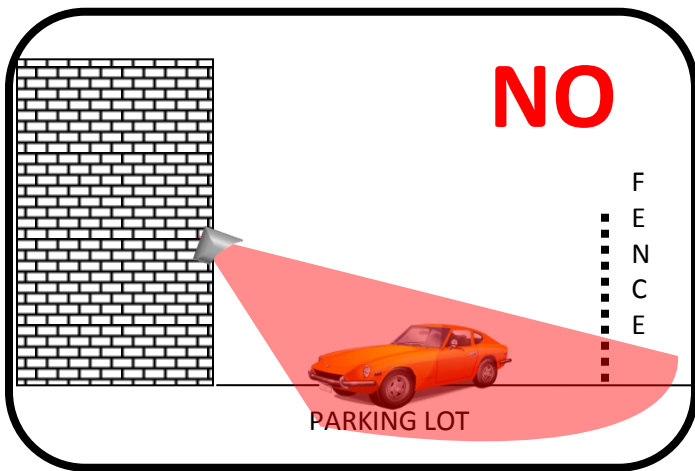


## INSTALLATION PRINCIPLES

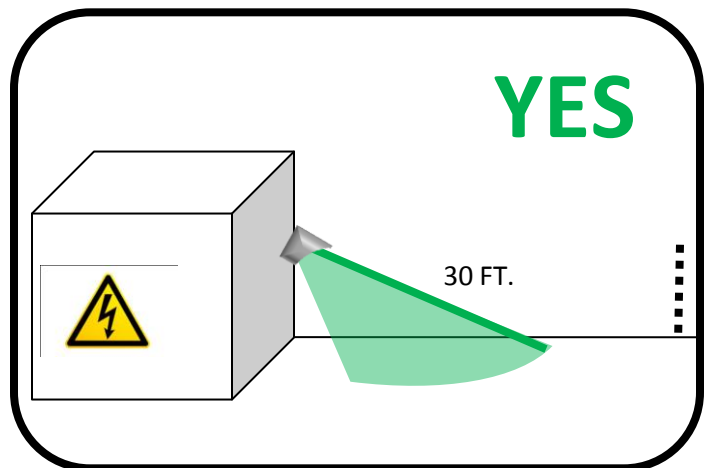
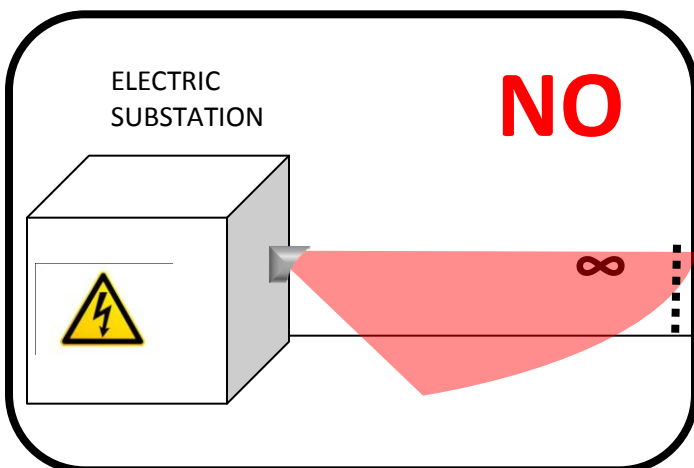
### 1.) Protects assets, not area.



### 2.) Place MotionViewer™ looking from out to in, not in to out.



### 3.) Terminate view of MotionViewer™



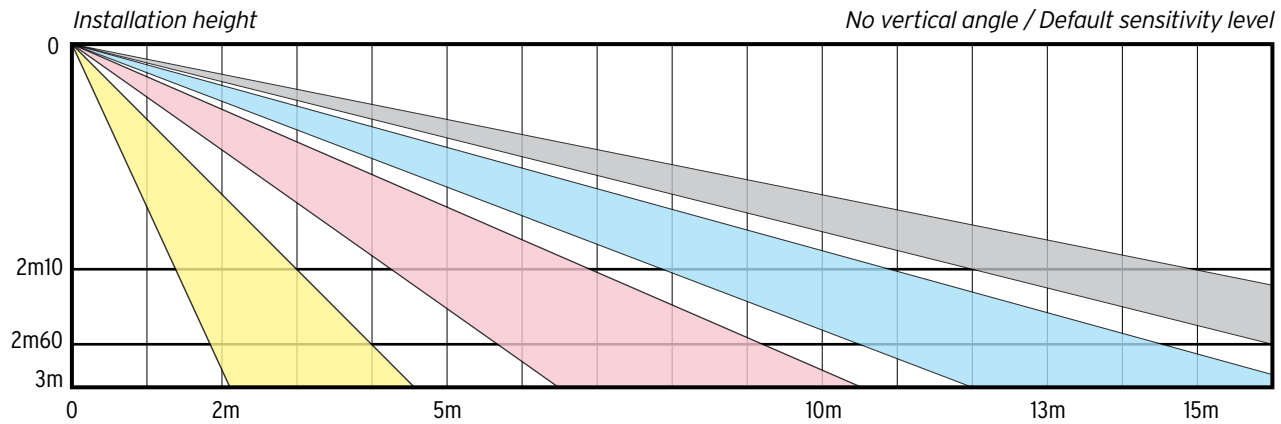
## Notes:

- 1.) This diagram simply illustrates that Outdoor MotionViewers should be used to secure specific assets or clusters of assets rather than cover a large area where the range of the MotionViewer might extend beyond a fence and unnecessarily detect irrelevant objects, animals or persons.
- 2.) If no fence is securing a given parking lot then the application of our Outdoor MotionViewer is most likely inappropriate. Because Videofied is an intrusion-based, video-alarm system it should be used in places and during times where and when no person should be while the system is armed. An unsecured parking lot (at a shopping mall for example) would most likely require a surveillance solution, not Videofied. Looking out-to-in as opposed to in-to-out avoids the possibility that our MotionViewer will be tripped by someone walking their dog along the fence, for example.
- 3.) Installing the Outdoor MotionViewer so that its top line of sight looks into infinity will most likely result in something or someone tripping the PIR while the digital video camera is out of range to record what tripped the PIR. Make sure to tilt the MotionViewer down 5-7 degrees so that its top line of sight terminates into the ground. Taking into account all three elements of the MotionViewer— the PIR, digital video camera, and infrared illuminators— you should aim to terminate the view of the MotionViewer 40 ft. from the device.



## Outdoor MotionViewer™

DCV250v - DCV651v - DCV751v



### Detection zones at a height of 2m60

**CREEP ZONES** - 2 facets  
Nominal range 3m

**SHORT RANGE ZONES** - 5 facets  
Nominal range 7.5m

**INTERMEDIATE ZONES** - 8 facets  
Nominal range 12m

**MAIN ZONES** - 9 facets  
Nominal range 16m

