

# Night View Assist

## General safety instructions

### WARNING

Lack of attention and failure to detect objects via Night View Assist

Night View Assist is a support system and cannot warn of an impending collision under all circumstances. Risk of accident!

Responsibility for timely braking and appropriate vehicle lighting for the situation always lies with the driver.

- ▶ Drive with extreme care.
- ▶ Always pay attention to the traffic situation and the area around the vehicle.

### CAUTION

Night View Assist restricted or not available

Shocks or damage to the bumper, e.g. through parking bumps, can move the sensors. This may impair performance of the system.

- ▶ Visit a qualified specialist workshop. Porsche recommends a Porsche partner as they have trained workshop personnel and the necessary parts and tools.

## System limitations

### WARNING

The system has restricted availability

The assistance provided by the system cannot be guaranteed in certain situations. Such situations include:

- Pedestrians and animals cannot always be detected.

- In poor weather conditions, such as heavy rain, snowfall and icing, camera operation and consequently the detection of a collision hazard may be impaired.
- Unintentional pedestrian and animal warnings may be triggered in complex driving situations owing to internal limitations of the system.
- ▶ Keep the direction of travel and the relevant area around the vehicle in view at all times.

## Responding to warning messages

Always heed any warning and information messages displayed in the vehicle.

- ▶ Please refer to chapter "Warning and information messages" on page 271.

## Operating principle

The thermal imaging camera in the front bumper provides a thermal image of the surroundings, which can be displayed on the instrument cluster. The system can detect persons and animals beyond the area illuminated by the headlights and highlight these in the camera image.

Night View Assist detects persons and animals when it is sufficiently dark and at an ambient temperature of under 28 °C.

Because the thermal imaging camera is only sensitive in the heat radiation range, the image in the camera may differ significantly from the image as perceived by the human eye.

Night View Assist offers the following functions:

### Pedestrian warning

If the system detects a possible collision with a pedestrian, it can warn the driver by means of a warning tone and an appropriate display in the instrument cluster on the vehicle speed range up to

250 km/h (156 mph). The camera image is displayed with the person marked in red.

The pedestrian warning is output if a pedestrian is standing or moving onto the driving lane. On vehicles with LED-Matrix headlights, the endangered person is flashed at in order to enhance recognition. When this warning is given, it may still be possible to prevent a collision by the driver avoiding the pedestrian or braking sharply. The warning time varies depending on the traffic situation and the driver's behaviour.

### Animal warning

A warning is also issued within the limitations of the system prior to an impending collision with large wild animals such as deer outside urban areas. In this case, the system warns the driver visually and audibly. The camera image with the animal marked in red is also displayed in order to support the driver in locating the danger.

The animal warning is triggered if an animal is located in the projected driving lane or is in dangerously close proximity. In urban areas, the animal warning is automatically deactivated in order to prevent false warnings from being caused by leashed dogs, for example.

## Display elements

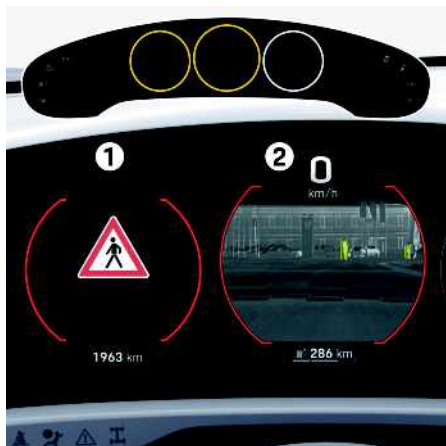



Fig. 130: Night View Assist

- 1 Pedestrian and animal warning
- 2 Thermal imaging display

## Symbols

Symbol	Meaning
	Indicates when the camera image is displayed that, owing to the prevailing ambient conditions (outside temperature and brightness), the system cannot reliably detect persons or animals and no warning function is available. The symbol is also displayed when the system is switched off.

## Switching Night View Assist on and off

### Switching Night View Assist on and off via the central display

- ▶  ▶ Assistance ▶ Basic assistance ▶ Night View Assist

### Information

Deactivation will only disable the warning feature and the marking of pedestrians and wildlife. It is still possible to display the image on the instrument cluster.


## Setting the warning time and picture contrast

The warning time for the collision warning and the picture contrast of the Night View Assist can be set in the central display.

- ▶  ▶ Assistance ▶  ▶ Assistance system settings ▶ Night View Assist

## Clean Night View Assist camera

The thermal imaging camera of the Night View Assist in the front bumper must be cleaned at regular intervals.

- ✓ Dipped beam activated.
- ▶ Press  under the wiper stalk.

### Information

- ▶ If windscreen is very dirty, repeat wash.
- ▶ Persistent dirt (e.g. insect remains) should be removed regularly.

### Information

The system has an internal heater which automatically heats the camera when below a certain temperature to prevent or melt icing.