



valeo added 

Smile you are driving!

Automotive technology, naturally





Smile you are driving!

valeo added 



Valeo offers a broad range of advanced driving and parking assistance systems.

The close fit between these products adds genuine value to driving by allowing motorists to use new functions.

This range allows everyone to add optional equipment, no matter which vehicle they use. In this way, Valeo makes the very latest drive and park assistance technology on the market much more accessible.

This range addresses the driving and parking problems that motorists face day in and day out:

- **safety:** reduced risks of accidents thanks to a system of alerts
- **comfort:** improved road-handling and driving pleasure
- **key savings:** avoid costly repairs by limiting impacts.



Safety



Comfort



Key savings



Check out the video illustrating the functionality of every product in Valeo's range of driving and parking assistance products.



1. Download a 2D code player to your smartphone*.
2. Start the application*.
2. Flash the code.
3. View the video.

*broadband Internet connection required



valeo added ■■■■■■



beap&park™

Front and rear parking assistance system



beap&park/keeper™

Parking assistance and anti-shock deterrent system



beap&park/vision™

Parking assistance system with rear camera



park/vision™

Rear camera

 Easy Drive



Easy Park

guidao

Driving assistance system
combining 4 functions



speed/virio
NOMAD

Head-up display of
vehicle speed by GPS



speed/virio


Head-up display of
vehicle speed



Light/on&off

Automatic activation of lights



valeo added 



beep&park™

 Park at ease!

Range of parking assistance solutions



Discover in video the functionalities of the beep&park™.
(See page 2)

Valeo



valeo added 

“ I am worried about hitting obstacles or pedestrians I can't see in my rearview mirrors. The risk of collision is increased by the presence of low obstacles and bollards located close to parking spaces. My bumper is often scratched or dented and it costs a small fortune to repair it. ”

 **beep&park™ is a range of six parking assistance kits, featuring front and rear sensors that alert drivers to any obstacles.**



The risk of collision is reduced

- Detects obstacles at the front and rear of the vehicle, even if they are not visible to the driver.
- Limits the risk of accidents involving pedestrians or vehicles when reversing, or leaving a parking space.



Drivers feel more relaxed and comfortable at the wheel

- They can park more quickly and with greater precision.
- Drivers no longer need to worry about damaging their vehicle when parking, or about hitting a pedestrian when leaving a parking space.
- Visibility is improved when leaving a space in a car park or a private road thanks to the improved perception of the vehicle's surroundings.



And it helps make savings...

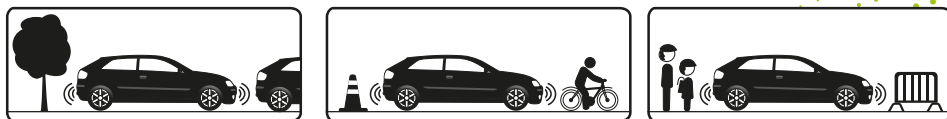
- Reduces the risk of collision and resulting repair costs.
- Most repair costs are the result of damage caused when parking.

 **The beep&park™ range is a solution to those everyday parking problems.**

Detection sensors

- Depending on the kit, the system features **4 or 8 ultrasonic sensors** front and/or rear) for consistent detection.
- The front and/or rear sensors are activated **as soon as the reverse gear is engaged**.
- When the vehicle starts, the front sensors are activated, then stop after 30 seconds once the vehicle is underway, so as to avoid any false alerts.

 **Obstacles in front of or behind the vehicle (other vehicles, posts, pedestrians, etc) are detected and announced by a sound signal.**



Sound alarm

- The **audible alarm gradually intensifies**. It is intermittent at first and becomes continuous when the vehicle is within 30 cm of the obstacle⁽¹⁾.
- The system detects obstacles located between 10 cm and 1.80 m from the vehicle.

Visual alarm (depending on the kit)

- The distance from the obstacle and its precise position are shown on the control screen positioned above the rearview mirror or on the dash.

A diagnostic function

- The system automatically detects defective or badly fixed sensors
- In kits no.1 and no.4, the speaker warns the driver when a sensor is malfunctioning.
- In kits no.2, no.3, no.5 and no.6, the screen warns the driver and identifies the defective sensor.



Focus on new technology 

- **New technology** for perfectly precise sensors, even in heavy rain.
- **New sensor design** for improved evacuation of water droplets.
- **Compatibility with the towing system** has been extended to the six kits.
- New **rings to correct the angle** of the sensors allow the **same drill hole diameter** to be used in the various configurations (6°, 10°, 13°).
- The range is compatible with a **pulsed reverse signal**⁽²⁾.
- **Clearer** and more **detailed** installation instructions.

(1) As in any ultrasonic radar system, when the distance is less than 30 cm, the feedback from the sensors is too short to optimise the driver's reactions. In this case, it is better to stop reversing.

(2) Applies to vehicles in which the reverse light does not have a DC supply voltage (12 VDC) but a modulated, pulsed supply voltage (12 V-).





Buzzer or control screen

- Digital screen indicating distance
- Obstacle position (front/back, left/right)
- Adjustable volume (kit no.2)
- Built-in loudspeaker
- Built-in diagnostics function

Electronic control unit

- Optimal performance in case of heavy rain
- Tow bar compatibility
- Pulsed rear light signal compatibility
- Easy installation of the control box using the self-adhesive patch



Ultrasonic sensors

- 4 or 8 sensors rear and/or front
- Compact sensors for installation on all models and styling compatibility
- Side-mounted metal clips on the sensors for high resistance to vibrations



Angle adjusters (6°, 10°, 13°)

- No need to enlarge the drilling diameter on the bumper



Wiring

- Single harness for fast installation
- Connectors can be quickly identified by letters
- Waterproof and size reduced connectors
- Screw-in connectors for easy installation and replacement of the sensors



Installation accessories

(All the useful components are included in the kit)

- Connectors, cable ties and screws
- Drilling tool adapted to the diameter of the sensors



Fitting instructions

- Available in 12 languages
- Clear & detailed

Detailed information 

 **Technical specifications**

Rated voltage	12 V
Power supply voltage	from 9 to 16 V
Working current	< 300 mA except kit no.4 <150 mA, kit no.5 <400 mA
Beep volume	from 70 to 90 dB
Detecting range (rear)	from 0.1 to 1.5 m
Detecting range (front)	from 0.1 to 0.9 m
Operating temperature	from -40 °C to 85 °C / from -40 °C to 185 °F
Homologation(s)	E-mark, CE, Rohs

 **Product information**

Compatibility	all types of vehicles*
Estimated installation time	from 1 h 15 to 3 h 30

* Subject to a few cases of restriction mentioned on the packaging.

It is recommended that installation is carried out by an approved professional auto-technician.

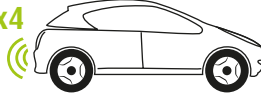




Kit no.1

- 4 rear sensors
- 1 buzzer

x4



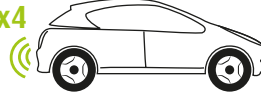
Part number 632000



Kit no.2

- 4 rear sensors
- 1 screen

x4



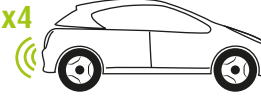
Part number 632001



Kit no.3

- 4 rear sensors
- 1 screen

x4



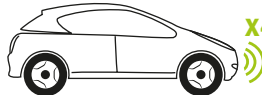
Part number 632002



Kit no.4

- 4 front sensors
- 1 buzzer

x4



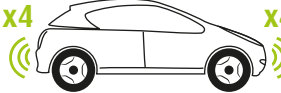
Part number 632003



Kit no.5

- 8 front and rear sensors
- 1 screen

x4



x4



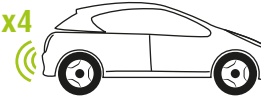
Part number 632004



kit no.6 (long vehicles)

- 4 rear sensors
- 1 screen

x4



Part number 632015

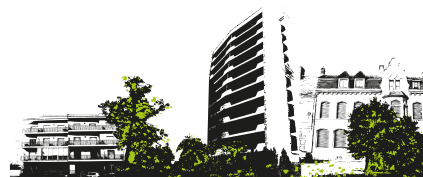
Kits

Range	Valeo part number	Screen		Sensors				
		Built in loudspeaker	Buzzer without screen	Number of sensors	Front sensors	Rear sensors	Tow bar compatibility	The range is compatible with a pulsed reverse signal ⁽¹⁾ .
NEW beep&park™ kit no.1	632000		X	4		X	X	X
NEW beep&park™ kit no.2	632001	X		4		X	X	X
NEW beep&park™ kit no.3	632002	X		4		X	X	X
NEW beep&park™ kit no.4	632003		X	4	X		X	X
NEW beep&park™ kit no.5	632004	X		8	X	X	X	X
NEW beep&park™ kit no.6 (for long vehicles)	632015	X		4		X	X	X


Spare parts

Valeo part number	Product name	Color
632105	Sensor	Non shiny black
632106	Sensor	Shiny black
632107	Sensor	Silver grey
632108	Sensor	Dark grey
632109	Sensor	White
632114	Sensor	Paintable
632110	Mirror display (for kit no.1 update)	Black
632113	Rear screen (for kit no.1 update)	Black-Brown-Grey
632026	Horizontal angle adjustors for sensors x12 (5°, 9°, 15°)	Black
632126	Vertical angle adjustors for sensors x12 (6°, 10°, 13°)	Black
632127	Rubber rings for metal bumper x12 (6°, 10°, 13°)	Black

(1) Applies to vehicles in which the reverse light does not have a DC supply voltage (12 VDC) but a modulated, pulsed supply voltage (12 V~).





valeo added 

beep&park/keeper



beep&park/keeper™

Your vehicle's guardian angel!

Parking assistance and anti-shock deterrent system



Discover in video the functionalities of the beep&park/keeper™.
(See page 2)

Valeo



valeo added ■■■■■■

“ Parking places are increasingly difficult to find and are so narrow that manoeuvring to park is more complicated. My bumper is often scratched or dented and it costs a small fortune to repair it. When I park in town, I’m always worried that another driver will damage my vehicle when parking. ”

beep&park/keeper™ is a parking assistance system

- ① front and rear;
- ② that protects parked cars from other drivers as they manoeuvre.



The risks of a collision are reduced

- Limits risks of colliding with an obstacle thanks to a detection and warning system at the front and rear.
- Limits the risk of accidents involving pedestrians or vehicles when reversing or leaving a parking space.
- Protects the vehicle from other motorists thanks to the gradual activation of the sound warning and flashing indicator lights that act as a deterrent.



Drivers feel more relaxed and comfortable at the wheel

- Improved perception of the surroundings at the front and the rear of the vehicle.
- Quicker and easier parking manoeuvres.
- Once parked, drivers no longer need to worry about their vehicle being damaged when other motorists are parking.



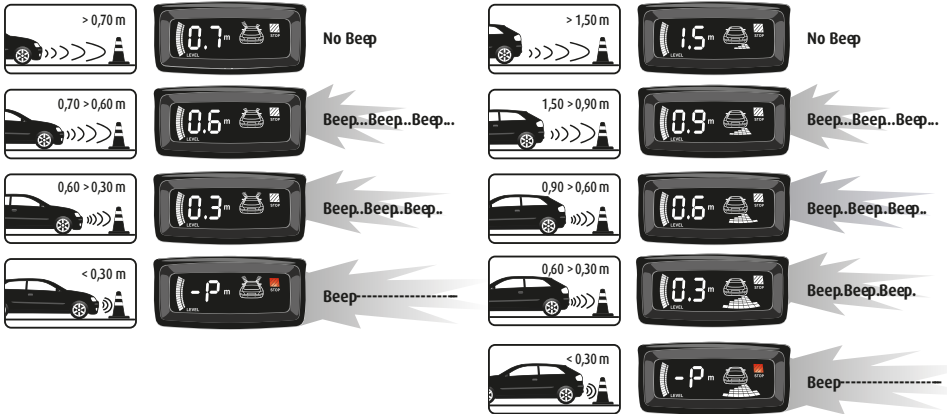
And it helps make savings...

- Reduces the risk of collision and resulting repair costs.
- Avoids damage caused by other drivers as they park.

 **beep&park/keeper™, an innovative solution, essential for city driving.**

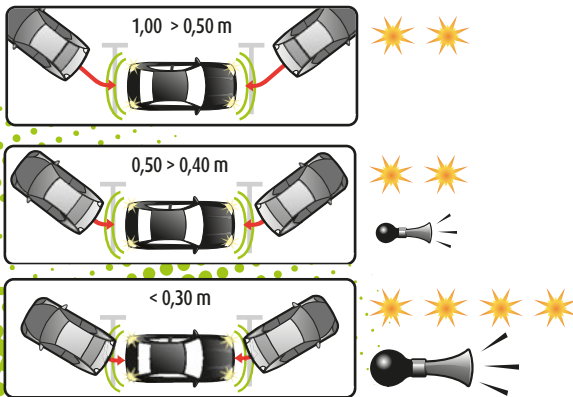
Parking assistance system

- **8 ultrasound sensors** detect obstacles at the **front** and **rear** of the vehicle.
- The **audible alarm gradually intensifies**. It is intermittent at first and becomes continuous when the vehicle is within 30 cm of the obstacle.
- The **distance** and **position of obstacles** (right, left, front, rear) are **shown on** an LCD screen mounted on the dashboard.
- Compatible with a tow system.



Protection of parked vehicles

- The system **remains active when the driver is away** from the vehicle.
- When the vehicle is parked **with the engine off**, the system **detects** the movement of approaching vehicles at the front and rear.
- The alerts are switched off once the other vehicle is parked
- The **sound signal can be switched off** to avoid unnecessary disturbance.
- The system does not respond to approaching pedestrians and animals.
- The system **does not prematurely discharge the vehicle's battery**.





Control screen

- LCD screen
- Digital indication of the obstacle's distance
- Built-in loudspeaker
- Adjustable volume
- Adjustable screen mounted on support
- Built-in diagnostics function



Electronic control unit

- Tow bar compatibility
- Easy installation of the control box using the self-adhesive patch
- No reset required



Wiring

- Single harness for fast installation
- Connectors can be quickly identified by letters
- Waterproof and size reduced connectors
- Screw-in connectors for easy installation and replacement of the sensors



Sensors

- 8 sensors for an optimised and consistent detection zone
- Compact sensors for installation on all models and styling compatibility
- Side-mounted metal clips on the sensors for high resistance to vibrations



Angle adjusters (6°, 10°, 13°)

- No need to enlarge the drilling diameter on the bumper



On/off switch

- The audible warning can be deactivated



Installation accessories

(All the useful components are included in the kit)

- Connectors, cable ties and screws
- Drilling tool adapted to the diameter of the sensors



Fitting instructions

- Available in 12 languages
- Clear & detailed

Detailed information 

 **Technical specifications**

Rated voltage	12 V
Size (H x W x D)	94 x 42 x 34 mm
Beep volume	from 70 to 90 dB
Detecting range (rear)	from 0.1 to 1.5 m
Detecting range (front)	from 0.1 to 0.9 m
Distance display on screen (rear)	from 0.3 to 1.5 m
Distance display on screen (front)	from 0.3 to 0.9 m
Working current	< 300 mA
Operating temperature	from -40 °C to 85 °C / from -40 °C to 185 °F
Homologation(s)	E-mark

 **Product information**

Valeo part number	632023
Spare parts	Non shiny black sensor 632024
	Paintable sensor 632025
	Angle adjustment ring for sensors (x12) 632026
	Plastic rings for metal bumpers (x4) 632027
Compatibility	all types of vehicles*
Estimated installation time	3 h 30

* Subject to a few cases of restriction mentioned on the packaging.

It is recommended that installation is carried out by an approved professional auto-technician.





valeo added ■■■■■■

beep&park/vision



beep&park/vision™

❖ Park at a glance!


Parking assistance system with rear camera



Discover in video the functionalities of the beep&park/vision™.
(See page 2)

Valeo



valeo added 

“ I am worried about hitting obstacles or pedestrians that I cannot see in my rearview mirrors.
 I find it difficult to judge the distance between the rear of my car and obstacles.
 Parking in small spaces with reduced rear visibility is uncomfortable and difficult.
 I find it difficult to look behind me when parking. ”

 **beep&park/vision™ is a parking assistance system that combines a rear camera with reversing radars that send audible and visual signals to the driver when parking.**



The risks of an accident are reduced

- Limits risks of colliding with an obstacle thanks to a detection and warning system.
- Limits the risk of accident involving pedestrians or vehicles when reversing or leaving a parking space.
- Features audible and visual alerts for the area immediately behind the vehicle.



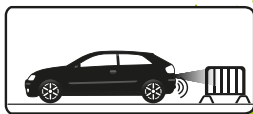
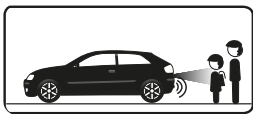
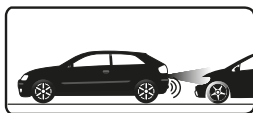
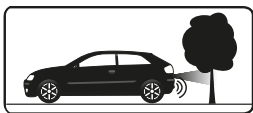
Drivers feel more relaxed and comfortable at the wheel

- No need to turn one's head when parking.
- Perfect perception of the surroundings at the rear of the vehicle.
- Quicker and easier parking manoeuvres.



And it helps make savings...

- Reduces risk of potential material damage and the associated expense.
- Most repair costs are the result of damage caused when parking.



 **beep&park/vision™: audible and visual detection.**

Detection sensors and audible warning system

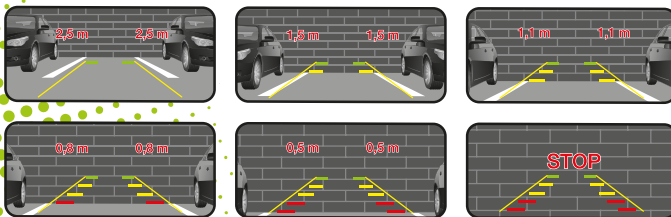
- The four ultrasonic sensors are activated **as soon as the reverse gear is engaged**.
- An audible signal warns the driver of obstacles behind the vehicle.
- The **audible alarm gradually intensifies**. It is intermittent at first and becomes continuous when the vehicle is within 30 cm of the obstacle⁽¹⁾.

Wide angle camera

- The **wide angle camera (H100° x V85°)** offers broader vision of the surroundings at the rear of the vehicle.
- The camera provides a clear view of the surroundings at the rear of the vehicle, even when the light is poor (≤ 1.5 lx).

Control screen

- A **detachable colour LCD screen** is installed on the dash.
- The screen shows the images filmed by the camera and displays the distances sent by the reversing radars.
- **Parking assistance lines function**
 - Guides the driver in the direction to be followed when parking.
 - Shows **three distance levels**, represented in green, amber and red on the parking assistance lines.
 - The distance levels change from green to amber, and then to red, as the vehicle approaches the obstacle.
 - **Several configurations of the parking assistance lines are available**, depending on the position of the camera (angle and height).



Focus on new technology 

New rear camera

- A new high-resolution **TFT LCD screen**.
- A **new wide angle camera (H100° x V85°)** for a broader vision of the surroundings at the rear of the vehicle.
- **Specially designed for poor light**.
- **Parking assistance lines function**.
- New angle correction rings that do not require a larger diameter of the drill holes for the camera.

New reverse radars

- **New electronics technology** for perfectly precise sensors, even in heavy rain.
- **New sensor design** for improved evacuation of water droplets.
- Compatible **with a tow system**.
- The range is **compatible with a pulsed reverse signal**⁽²⁾.
- Clearer and more detailed installation instructions.

⁽¹⁾ As in any ultrasonic radar system, when the distance is less than 30 cm, the feedback from the sensors is too short to optimise the driver's reactions. In this case, it is better to stop reversing.

⁽²⁾ Applies to vehicles in which the reversing light does not have a DC supply voltage (12 VDC) but a modulated, pulsed supply voltage (12 V~).





Control screen

- TFT LCD high resolution colour screen
- Parking assist lines
- Digital indication of the obstacle's distance
- Built-in loudspeaker
- Adjustable volume and brightness
- Detachable screen for protection from theft
- Built-in diagnostics function



Electronic control unit

- Optimal performance in case of heavy rain
- Towbar compatibility
- Pulsed rear light signal compatibility
- Easy installation of the control box using the self-adhesive patch



Rear camera

- Discreet mini-camera (same size as a sensor)
- Wide angle: H100° x V85°
- Also works in poor light (≤ 1.5 lx)



Ultrasonic sensors

- 4 rear sensors
- Compact sensors for installation on all models and styling compatibility
- Side-mounted metal clips on the sensors for high resistance to vibrations
- New angle adjustors (6°, 10°, 13°) included in the kit. No need to enlarge the drilling diameter on the bumper



Camera angle adjustors



Wiring

- Single harness for fast installation
- Connectors can be quickly identified by letters
- Waterproof connectors
- Screw-in connectors for easy installation and replacement of the sensors



Installation accessories

(All the useful components are included in the kit)

- Connectors, cable ties and screws
- Drilling tool adapted to the diameter of the sensors



Fitting instructions

- Available in 12 languages
- Clear & detailed

Detailed information 

 **Technical specifications**

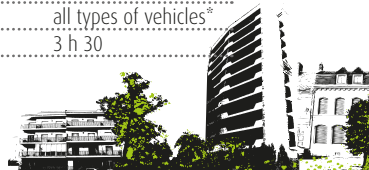
Rated voltage	12 V
Power supply voltage	from 9 to 16 V
Video signal	PAL
Screen size	3"
Detecting range	from 0.1 to 2.5 m
Distance display on screen	from 0.3 to 2.5 m
Beep volume	from 70 to 90 dB
Working current	< 300 mA
Operating temperature	from -20 °C to 60 °C / from -4 °C to 140 °F
Homologation(s)	E-mark, CE, Rohs

 **Product information**


Valeo part number	632060
beep&park/vision™ long vehicles (< 9 m)	632064
Spare parts	
Non shiny / shiny black sensor	632105 / 632106
Silver grey / dark grey sensor	632107 / 632108
White sensor	632109
Paintable sensor	632114
Horizontal angle ajustors for sensors x12 (5°, 9°, 15°)	632026
Vertical angle ajustors for sensors x12 (6°, 10°, 13°)	632126
Rubber rings for metal bumpers x12 (6°, 10°, 13°)	632127
Removable LCD display	632163
Rear camera with angle adjustors	632161
Compatibility	all types of vehicles*
Estimated installation time	3 h 30

* Subject to a few cases of restriction mentioned on the packaging.

It is recommended that installation is carried out by an approved professional auto-technician.





valeo added 



park/vision

park/vision™

 Do not leave anything to chance!

Rear camera




Discover in video the functionalities of the park/vision™.
(See page 2)

Valeo



valeo added 

“ I can't see much when reversing, because the rear window is so narrow. I would like to be able to see, as well as relying on the reversing radar warnings. Unfortunately, I can't install a reverse radar on my vehicle. ”

 park/vision™ is a park assist system that uses a camera attached to the rear of the vehicle to display images of the area immediately behind the vehicle on a screen in the cabin.



The risks of an accident are reduced

- Limits risks of colliding with an obstacle thanks to a detection system.
- Limits the risk of accident involving pedestrians or vehicles when reversing or leaving a parking space.



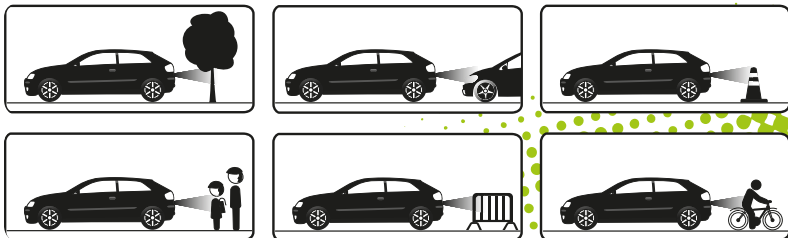
Drivers feel more relaxed and comfortable at the wheel

- No need to turn one's head when parking.
- Perfect perception of the surroundings at the rear of the vehicle.
- Quicker and easier parking manoeuvres.



And it helps make savings...

- Reduces the risk of collision and resulting repair costs.
- Most repair costs are the result of damage caused when parking.



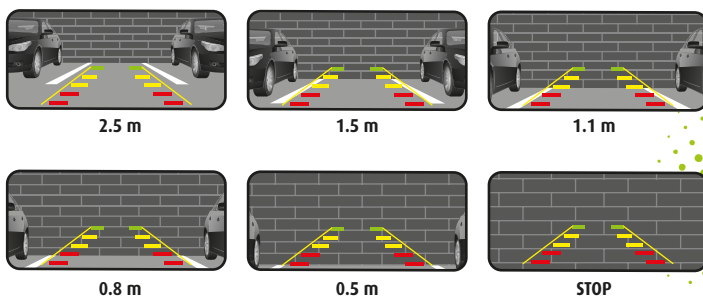
 **park/vision™ is the ideal solution for parking places that are narrow or offer poor visibility.**

Wide angle camera

- The **wide angle camera (H100° x V85°)** offers broader vision of the surroundings at the rear of the vehicle.
- The camera provides a clear view of the surroundings.

Control screen

- A **detachable colour LCD screen** is installed on the dash or above the rearview mirror.
- The screen shows the images filmed by the camera.
- **Parking assistance lines function**
 - Guides the driver in the direction to be followed when parking.
 - Shows **three distance levels**, represented in green, amber and red on the parking assistance lines.
 - **Several configurations of the parking assistance lines are available**, depending on the position of the camera (angle and height).



Focus on new technology 

New rear camera

- A new high-resolution **TFT LCD screen**.
- A **new wide angle camera (H100° x V85°)** for a broader vision of the surroundings at the rear of the vehicle.
- **Specially designed for poor light.**
- **Parking assistance lines function.**
- New angle correction rings that do not require a larger diameter of the drill holes for the camera.





Control screen

- TFT LCD high resolution colour screen
- Parking assist lines
- Built-in loudspeaker
- Adjustable volume and brightness
- Detachable screen for protection from theft



Rear camera

- Discreet mini-camera (same size as a sensor)
- Wide angle: H100° x V85°
- Also works in poor light (< 1.5 lx)



Camera angle adjusters



Connection cables



Installation accessories

- (All the useful components are included in the kit)*
- Connectors, cable ties and screws
 - Drilling tool adapted to the diameter of the sensors



Fitting instructions

- Available in 12 languages
- Clear & detailed

Detailed information 

 **Technical specifications**

Rated voltage	12 V
Power supply voltage	from 9 to 16 V
Video signal	PAL
Screen size	3"
Working current	< 300 mA
Operating temperature	from -20 °C to 60 °C / from -4 °C to 140 °F
Homologation(s)	E-mark, CE, Rohs

 **Product information**

Valeo part number	632062
Spare parts	Rear camera with angle adjusters 632161 Removable LCD screen 632162
Compatibility	all types of vehicles*
Estimated installation time	2 h

* Subject to a few cases of restriction mentioned on the packaging.

It is recommended that installation is carried out by an approved professional auto-technician.





valeo added ■■■■■



Light on&off™

Light on&off

➤ A bright idea!

Automatic activation of lights



Discover in video the functionalities of the Light on/off™.
(See page 2)

Valeo



valeo added 

“ I don't always remember to switch my lights on in a tunnel, and I have already had one close shave, because another driver didn't see me when changing lanes. ”



light on&off™ is an automatic lighting system that switches the headlights on as soon as visibility declines, and switches them off again when they are no longer needed.



The risks of an accident are reduced

- The system compensates for poor judgement of visibility by the driver.
- The automatic activation of the lights prevents unexpected braking due to poor visibility when entering a tunnel.
- The system avoids the genuine dangers caused by poor visibility:
 - failure to spot obstacles and risks of colliding with another vehicle, a pedestrian or an animal,
 - not being seen by other motorists and risks of colliding with another vehicle.



Drivers feel more relaxed and comfortable at the wheel

- light/on&off™ assists drivers on their everyday journeys.
- Motorists no longer have to remember to switch their lights on and off.
- They can be sure that other drivers will see them.
- The immediate reaction of the sensors improves visual comfort and peace of mind, irrespective of ambient light.



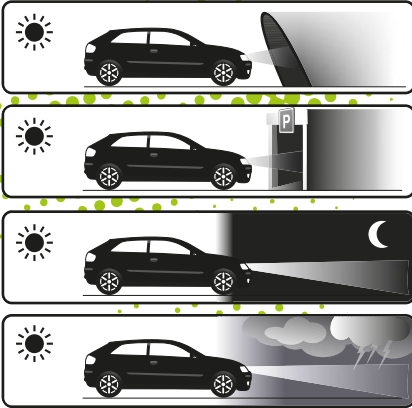
And it helps make savings...

- Reduces the risk of being fined because the vehicle's lights are off.
- Potential material damage and the resulting costs are indirectly reduced thanks to improved visibility.

 **The smart light/on&off™ system measures the light and automatically switches on the lights if necessary.**

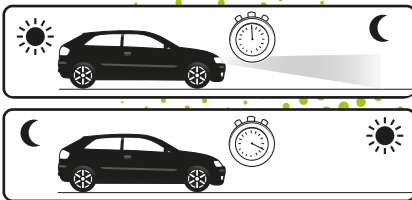
Measuring the light

- An optical sensor mounted on the windscreen inside the vehicle permanently detects the light levels as soon as the vehicle starts.
- The system can easily be switched off to return to **manual mode** using the on/off switch on the sensor.



Automatic lighting control

- Depending on the light levels, the electronic unit **automatically switches on and off:**
 - the side lights and low-beam lights;
 - the rear lights;
 - the dashboard and number plate lights.
- When the light level drops to less than 1,000 lx, the electronic unit automatically and immediately switches on the vehicle's lights.
- When the light returns to 3,000 lx, the lights switch off automatically after a lapse of 20 seconds.





Electronic control unit

- Easy to install using a self-adhesive patch
- No settings or reset needed when installing



Cables for vehicle connection



Optical sensor

- On/off switch integrated on the sensor for possible deactivation of the system
- Easy to install using a self-adhesive patch
- Compact sensor for aesthetic integration in the vehicle
- Fitting instructions



Fitting instructions

- Available in 12 languages
- Clear & detailed

Detailed information

Technical specifications

Rated voltage	12 V
Activation level of the lights	≤ 1000 lx (+/- 25 %)
Extinction level of the lights	≥ 3000 lx (+/-25 %)
Switch off temporisation	< 20 s
Electric power consumption	< 300 mA
Operating temperature	from -40 °C to +85 °C / from -40 °F to 185 °F
Homologation(s)	E-mark

Product information

Valeo part number	632030
Compatibility	all types of vehicles
Estimated installation time	1 h

It is recommended that installation is carried out by an approved professional auto-technician.





valeo added 



speed/visio™

 Keep your eyes
on the road!

Head up display of vehicle speed




Discover in video the functionalities of the speed/visio™.
(See page 2)

Valeo

speed/visio



valeo added 

“ I am worried about losing control of my vehicle if I come across an obstacle when checking the speedometer. I frequently fail to notice that I am over the speed limit. ”



speed/visio™ is a system:

- ① with a head-up display projecting the vehicle's speed directly on the windscreen in the driver's line of sight;
- ② with an alert if the vehicle exceeds the pre-programmed speed.



The risks of an accident are reduced

- Drivers' attention and reactions are improved.
- The risks of speeding are reduced.




Drivers feel more relaxed and comfortable at the wheel

- Drivers no longer need to look down in order to check their speed.
- Drivers are automatically alerted if the vehicle exceeds the pre-programmed speed.



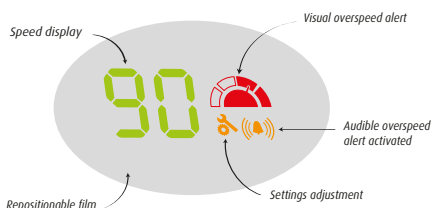
And it helps make savings...

- The risks of speeding are limited.
- Potential material damage and the resulting costs are indirectly reduced thanks to better control of vehicle speed.
- Fuel consumption is cut by driving at a constant speed.

 **With speed/visio™, the vehicle is equipped with an innovation from aerospace industry.**

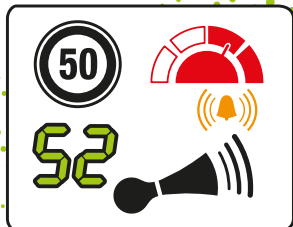
Speed display on the windscreen

- The screen permanently projects the speed on a translucent oval film located in the **driver's field of vision on the windscreen**.
- The brightness of the display adapts even to very bright ambient light levels, so that it always remains legible.
- The crisp digital display is **comfortable and immediately legible**.



Overspeed alert

- Drivers can **select a speed limit** above which the alert is given.
- Drivers can **manually** select the speed limit.
- The **audible warning** can be deactivated, leaving just the **visual alert**.
- The system can be reset to the default values.



Transmission of information on speed

- The vehicle's speed is sent by an electronic unit connected to the speedometer.
- This information matches the speed shown by the speedometer.
- The speedometer reading and the projected speed are initially synchronised when the vehicle is at a standstill.





Compact overhead projector

- Attractive design
- Compact dimensions for better integration in the cabin
- Adjustable support
- Visual alert / audible alert
- Km/miles compatibility
- Control buttons to set the speed level
- Green digital display for eyes comfort
- The crisp digital display is immediately legible
- Brightness adjustment according to the ambient light



Oval film (x2)

- Small oval shape for discreet installation on the windscreen
- Anti-reflect
- Repositionable adhesive film



Screen support

- Adjustable angle



Wiring cable & clips



Tool for quick & easy installation of the film on the windscreen



Fitting instruction

- Available in 12 languages
- Step by step detailed explanation

Detailed information 

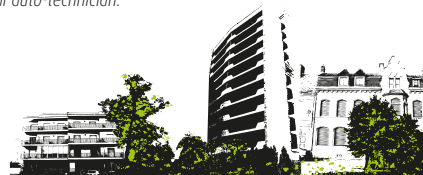
 **Technical specifications**

Rated voltage	12 V
Size (H x W x D)	78 x 48 x 19 mm
Maximum light intensity	5500 cd/m ²
Electric power consumption	< 350 mA
Operating temperature	from -20 °C to 85 °C / from -4 °F to 185 °F
Homologation(s)	E-mark, Rohs


 **Product information**

Valeo part number	632050
Compatibility	all types of vehicles
Estimated installation time	1 h

It is recommended that installation is carried out by an approved professional auto-technician.





valeo added 



speed/visio
NOMAD™

Five minutes
to keep you eyes
on the road!


Head up display of vehicle speed by GPS



Discover in video the functionalities of the speed/visioNOMAD™.
(See page 2)

Valeo



valeo added 



“ I am worried about losing control of my vehicle if I come across an obstacle when checking the speedometer. I frequently fail to notice that I am over the speed limit. ”



speed/visionNOMAD™ is a ready-to-use, detachable system:

- ① with a head-up display projecting the vehicle's speed directly on the windscreen in the driver's line of sight;
- ② with an alert if the vehicle exceeds the pre-programmed speed.



The risks of an accident are reduced

- Drivers' attention and reactions are improved.
- The risks of speeding are reduced.



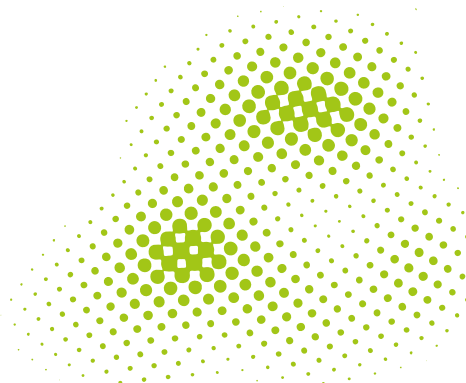
Drivers feel more relaxed and comfortable at the wheel

- Drivers no longer need to look down in order to check their speed.
- Drivers are automatically alerted if the vehicle exceeds the pre-programmed speed.



And it helps make savings...

- The risks of speeding are limited.
- Potential material damage and the resulting costs are indirectly reduced thanks to better control of vehicle speed.
- Fuel consumption is cut by driving at a constant speed.
- Does not need to be installed by a professional.
- This detachable system can easily be fitted in another vehicle.



 **With speed/visioNOMAD™, the vehicle is equipped with a technological innovation from the aerospace industry.**

Speed display on the windscreen

- The screen permanently projects the speed on a translucent oval film **located in the driver's field of vision on the windscreen.**
- The brightness of the display adapts even to very bright ambient light levels, so that it always remains legible.
- The crisp digital display is **immediately legible.**
- The speed reading is accurate thanks to **GPS-based detection.**

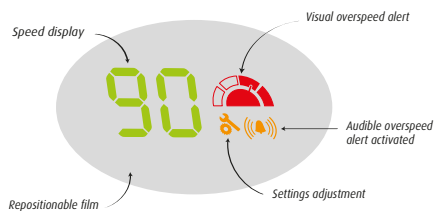
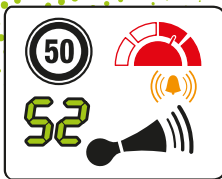
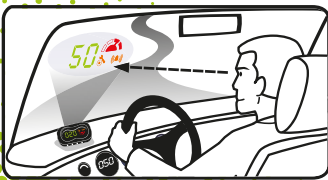


Pre-programmed overspeed alert

- Drivers can **select a speed limit** above which the alert is given.
- Drivers can set the speed limit **manually** or choose one of the **five pre-programmed** most common **speed limits** in Europe: 50; 90; 110; 120 and 130 kph.
- The **audible warning** can be deactivated, leaving just the **visual alert.**
- The system can be reset to the default values.

GPS reception and battery

- The GPS antenna precisely **detects the speed using satellite technology**⁽¹⁾.
- GPS reception allows the **system** to be **installed quickly** and **easily** without any wired connections to the vehicle.
- The screen is fitted with a **battery that can be recharged using the vehicle's cigar lighter** and the charger provided.
- **Battery life time of 4 hours.**
- Charging (green) and discharging (red) indicator on the battery.



 **Installed in 5 minutes**



(1) As with any other GPS system, signal reception is poor in tunnels, underground car parks or severe weather.





Compact overhead projector

- Attractive design
- Intuitive use
- Compact dimensions for better integration in the cabin
- Removable display
- Battery level indicator
- Visual alert / audible alert
- Km/miles compatibility
- Control buttons to set the speed level
- Green digital display for eyes comfort
- The crisp digital display is immediately legible
- Brightness adjustment according to the ambient light



Oval film (x3)

- Small oval shape for discreet installation on the windscreen
- Anti-reflect
- Easy installation
- Repositionable adhesive film



Screen support (x2)

- Adhesive support
- 2 for installation in a second vehicle



Charger compatible with the cigarette lighter plug



Tool for quick & easy installation of the film on the windscreen



Fitting instruction

- Available in 12 languages

Detailed information 

 **Technical specifications**

Rated voltage	12 V
Film dimension	50 x 23 mm
Size (H x W x D)	110 x 57.5 x 18 mm
Weight	150 g
Maximum light intensity	5500 cd/m ²
Electric power consumption	2.7 W
Operating temperature	from -20 °C to 85 °C / from -4 °F to 185 °F
GPS system	SIRF STAR III
Frequency	1 575.42 Mhz
Homologation(s)	E-mark, CE, Rohs

 **Product information**

Valeo part number	632051
Estimated installation time	5 min





valeo added ■■■■■■



guidao™

❖ Your very own co-pilot!

Driving assistance system
combining 4 functions



Discover in video the functionalities of the guidao™.
(See page 2)

guidao

Valeo



valeo added ■■■■■■

“ The road can be monotonous on long motorway trips. Sometimes I’m worried that I’ll nod off at the wheel or accidentally change lanes. Other drivers often sound their horns at me at traffic lights or in jams, because I fail to see that the vehicle in front of me has moved off. I have already had an accident, in which I was unable to prove my innocence because there were no witnesses. ”



guideo™ is a front camera system that supervises four driving assistance functions:

- ① the “Lane alert” function warns drivers when they unexpectedly cross a white line;
- ② the “Optilane” function warns drivers when they accidentally change their line;
- ③ the “Video box” function records the circumstances of an accident;
- ④ the “Beep&watch” function informs the driver of any movement in front of the vehicle.



The risks of an accident are reduced

- Reduces the risk of leaving the road due to drowsiness or inattention are reduced.
- The system allows drivers to correct line in time.
- The system encourages drivers to take regular rest breaks.



Drivers feel more relaxed and comfortable at the wheel

- Long journeys become less worrisome.
- Drivers are more relaxed when waiting at traffic lights or in jams.
- The circumstances of an accident are recorded in order to avoid disputes.
- The system is highly intuitive. The driving aids can easily be adjusted or deactivated.



And it helps make savings...

- Potential material damage and the resulting costs are indirectly reduced thanks to improved attention and better command of the vehicle.
- Video recordings of accidents can be used to clearly establish the responsibilities of each party and avoid the unnecessary payment of repair or insurance costs.

 **guideo™: the 4-in-1 driving assistance solution**

Lane Alert: warning when crossing road markings

- Uses an algorithm to detect when white or yellow road markings are crossed, and immediately informs the driver.
- The alert is issued **as soon as a wheel crosses the line**, leaving the driver enough time to recover control of the vehicle.



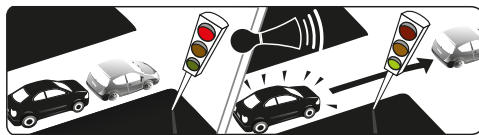
Optilane: vehicle line change alert

- **Detects any changes in the vehicle's line** and informs the driver.
- The alert is given as soon as the vehicle moves to the left or right for more than five seconds.



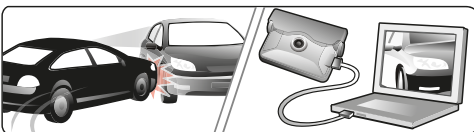
“Beep&watch” function: movement detection

- Alerts the drivers of any movement in front of the vehicle for a fast restarting.
- The system comes on after the vehicle has been at a standstill for 3 seconds.



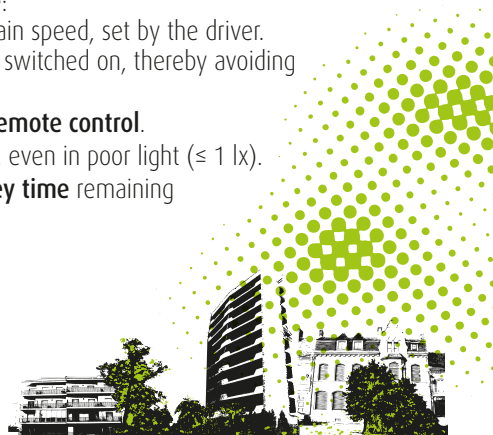
Video Box: video recordings

- **20-second video recordings** are made when the vehicle accelerates or brakes sharply.
- The system can record 30 videos, which are gradually replaced.
- In this way, the circumstances preceding an accident can easily be viewed.
- The videos can be copied to a PC by USB.



The system is modular and easy to use

- The **Lane Alert and Optilane functions** are:
 - activated when the vehicle reaches a certain speed, set by the driver.
 - deactivated whenever an indicator light is switched on, thereby avoiding false alarms.
- Each function can be configured using the **remote control**.
- The system permanently monitors the road, even in poor light (≤ 1 lx).
- The system informs the driver of the **journey time** remaining every hour, encouraging frequent breaks.





Camera module

- A multifunction camera
- Vocal alert: built-in loudspeaker
- Visual alert: LED screen integrated on the back of the module
- Detachable camera for protection against theft
- Works in poor light (<1 lx)



Remote control

- Modular functions & parameters
- Activation and deactivation of functions
- Language selection: FR, UK, ES, NL, DE
- Selection of audible or voice-message alert
- Adjustable volume
- Possibility to increase the volume level of the vocal alert
- Intuitive use thanks to the explicit symbols
- Possibility to adjust according to the size of the vehicle
- Battery powered



CD-ROM and USB cables

- Easy to use "video box manager" software
- Detailed fitting instruction
- Compatible with PC, Windows XP, 2000, 2002, 2007, Windows vista⁽¹⁾



Wiring cables



Guiding pad and cables (x1)

- Guiding pad for immediate installation



Fitting instructions

- Available in 5 languages

Detailed information 

 **Technical specifications**

Rated voltage	12 V / 24 V
Size (H x W x D)	120 x 75 x 37
Type of camera	Color CMOS
Average recording frame rate / s	8 images / s
Minimum operation luminance	1 lx
Recording resolution	320 x 240 Pixels
Minimum RAM memory	256 Mo
Hard disk free space	40 Mo
Power consumption	< 3 W
Operating temperature	from -20 °C to 70 °C / from -4 °F to 158 °F
Weight	140 g
Homologation(s)	E-mark

 **Product information**

Valeo part number	632040
Estimated installation time	1 h

It is recommended that installation is carried out by an approved professional auto-technician.

(1) Windows is a registered trademark by Microsoft Corporation





valeo added 

Sales information





valeo added

Products information

Parking assistance

Solution	Valeo part number	Sensors						Camera type	Screen type	Screen		Alert			Controls		Fitting
		Number of sensors	Front sensors	Rear sensors	Sensing technology	Compatible with a pulsed reverse signal ⁽¹⁾	Tow bar compatibility			Built in loudspeaker	Integrated control button	Visual alert	Audible alert	Vocal alert	On/off switch	Remote control	
NEW beep&park™ kit no.1	632000	4		X	Ultrasonic	X	X					X	X	X			1 h 15
NEW beep&park™ kit no.2	632001	4		X	Ultrasonic	X	X	LED	X	X	X	X	X	X			1 h 45
NEW beep&park™ kit no.3	632002	4		X	Ultrasonic	X	X	Digital	X	X	X	X	X	X			2 h 00
NEW beep&park™ kit no.4	632003	4	X		Ultrasonic	X	X		X			X	X				2 h 30
NEW beep&park™ kit no.5	632004	8	X	X	Ultrasonic	X	X	Digital	X	X	X	X	X	X			3 h 00
NEW beep&park™ kit no.6 (long vehicles)	632015	4		X	Ultrasonic	X	X	Digital	X	X	X	X	X				2 h 00
Dee&park/ Keeper™	632023	8	X	X	Ultrasonic		X	Digital	X	X	X	X	X		Klaxon		3 h 30
Dee&park/ vision™	632060	4		X	Ultrasonic	X	X	CMOS	X	X	X	X	X				3 h 30
beep&park/ vision™ (long vehicles)	632064	4		X	Ultrasonic	X	X	CMOS	X	X	X	X	X				3 h 30
park/ vision™	632062							CMOS	Color LCD	X	X	X	X				2 h 00

Driving assistance

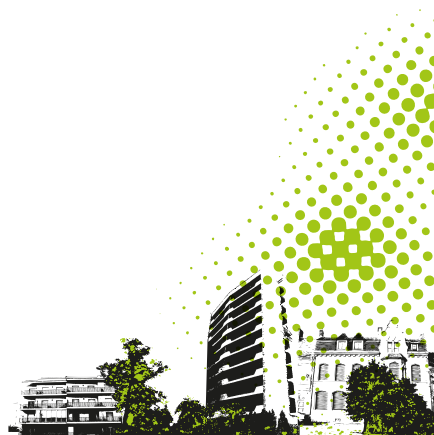
ligh/ on&off™	632030	1			Optic												1 h 00
speed/ vision™	632050							Digital	X	X	X	X	X				1 h 00
speed/ visionNOMAD™	632051							Digital	X	X	X	X	X				0 h 05
guideo™	632040							CMOS	LED	X	X	X	X	X		X	1 h 00

(1) concern vehicles on which rear bulb is not exposed to DC (12 VCC) but to pulsed signal (12 V~)

Spare parts

Range	Spare parts	Valeo part number (previous generation)	Valeo part number (new generation)
beep&park™	non shiny black sensor	632005	632105
	shiny black sensor	632006	632106
	silver grey sensor	632007	632107
	dark grey sensor	632008	632108
	white sensor	632009	632109
	paintable sensor	632014	632114
	black mirror display	632010	632110
	black , brown, grey rear display	632013	632113
	horizontal angle adjustors for sensors		632026 (x12)
	vertical angle adjustors for sensors		632126 (x12)
	rings for metal bumper	632027 (x4)	632127 (x12)
beep&park/vision™	non shiny black sensor	632005	632105
	shiny black sensor	632006	632106
	silver grey sensor	632007	632107
	dark grey sensor	632008	632108
	white sensor	632009	632109
	paintable sensor	632014	632114
	camera with angle adjustors	632061	632161
	horizontal angle adjustors for sensors		632026 (x12)
	vertical angle adjustors for sensors		632126 (x12)
	removable LCD display	632063	632163
	rings for metal bumper	632027 (x4)	632127 (x12)
park/vision™	camera with angle adjustment rings	632061	632161
	removable LCD screen	632063	632162
beep&park/keeper™	non shiny black sensor	632024	
	paintable sensor	632025	
	angle adjustors for sensors	632026 (x12)	
	plastic rings for metal bumper	632027 (x4)	

* If problems are encountered to determine kit generation, please have a look on the page dedicated to spare parts on the website: smileyouaredriving.com



www.smileyouredriving.com

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valeo added 

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Service