

HOW MOBILEYE WORKS

1. Pedestrian Icon

Displayed only when a pedestrian or cyclist are detected ahead of you in the same lane.

A **red** pedestrian icon is displayed when a pedestrian and/or cyclist crosses in front of the vehicle's path and warns the driver before a possible collision. A small **green** pedestrian icon will appear when a pedestrian and/or cyclist are detected, without an imminent collision danger.

2. Speed Limit Indicator

Detects and classifies various speed limit signs. The SLI is presented on the display once detected. In case vehicle speed exceed the detected SLI sign, the SLI alert icon will start flashing.

3. Intelligent High-Beam Control Indication

Green icon means enabled. **Blue** icon means active. The intelligent high-beam control automatically activates and deactivates the high-beam lights on dark roads when no traffic is nearby.

4. Lane Departure Warning

Alerts of unsignaled deviation from the driving lane. When a lane departure warning is sounded, the left or right deviation alert indicator will flash.

5. Headway (Following Time)

A two-digit number that displays your headway (in seconds) from the vehicle ahead. Only values of 2.5 headway seconds or less are displayed.

6. Headway Visual Alert (Car Icon)

Displayed only when a vehicle in the same lane is detected ahead of you. Colored **Green** or **Red** according to safe or unsafe headway.

7. Turn Signal Reminder

The Turn Signal Reminder provides an alert when one or both of the blinkers remain active for an extended period of time.

8. Traffic Signs Recognition




TSR detects and classifies various traffic signs and notifies the driver. The detected traffic sign appears as a large icon for one second, and it then minimizes to provide a reminder of the last posted speed limit notification (on the side of the display).



ADJUSTING MOBILEYE SETTINGS USING THE DISPLAY BUTTONS

The EyeWatch display is equipped with a light sensor that will automatically adjust the brightness according to light conditions, including day or night.

Changing the Brightness Level:

1. Press [] once. The Brightness Icon will appear.
2. Press [] again. The Brightness Level Icon will appear.
3. Press the [-] [+] buttons to decrease or increase the brightness level.
4. Press the [] again to exit and save new settings (or wait five seconds).
 - There are five available levels (1-5).


Volume Control

Press the [+] button repeatedly to increase volume; press the [-] button repeatedly to decrease volume.

- There are 6 volume levels (0-5).

Note

When the volume is set to zero, the Lane Departure Warning and Headway Monitoring and Warning sounds are disabled, but Forward Collision Warning sound volume will default to level [3].

All settings except the volume control are locked while the vehicle is in motion. Settings not locked by your Fleet Manager are accessible by scrolling through the menu using the [] and adjusted using the [+] [-] buttons.

FEATURES

DESCRIPTION

HOW TO ADJUST



Forward
Collision
Warning

Displayed only when a car, truck or motorcycle in the same lane is detected. FCW is operational between 19 MPH (30km/h) to 124 MPH (200 km/h)- **Red** vehicle icon.
Bellow 19 MPH (30 KM/h) **red** vehicle icon will be displayed triggered by UFCW signal.
FCW can be set with configurable levels of Time To Collision (TTC) thresholds:
Low (Near) = 2.4 seconds (gap to vehicle in front)
Medium = 2.7 seconds
High (Far) = 3.0 seconds

The FCW is a critical alert; therefore, it cannot be disabled or muted.

The FCW alert can be set to 3 sensitivity levels:

1. Press [].
2. Press [+] until you see the (Green vehicle icon).
3. Press [].
4. Press [-] [+] to choose **Low**, **Medium** or **High** sensitivity.
5. Press [] to confirm your choice.



Headway
Monitoring
Warning

Active above 19 MPH (or 30 km/h). Displays the number of seconds to the vehicle directly in front of you whenever that distance/time becomes 2.5 seconds or less.
The HMW includes 3 configurable sensitivity levels:
Low = 0.1 to 0.6 seconds (default 0.6)
Medium = 0.7 up to 1.2 seconds (default 0.9)
High = 1.4 up to 2.5 seconds (default 1.4)

The FCW alert can be set to 3 sensitivity levels:

1. Press [].
2. Press [+] until you see the (Green vehicle icon).
3. Press [].
4. Press [-] [+] to choose **Low**, **Medium** or **High** sensitivity.
5. Press [] to confirm your choice.



Lane
Departure
Warning

Active above configurable speed value, the default value is 34MPH (55 km/h) and if turn signals are not used when changing lanes. Indicates that your tire is too close or has crossed the lane marking on the road.

The LDW can be set to 3 sensitivity levels:

- 0 = LDW is disabled
- 1 = Alert generated after the vehicle crosses the lane marking.
- 2 = Alert generated when the vehicle touches the lane marking.

The LDW alert can be set to 3 sensitivity levels:

1. Press [].
2. Press [+] until you see the (Lanes icon).
3. Press [].
4. Press [-] [+] to choose a sensitivity level between 0 (Disabled), 1 or 2.
5. Press [] to confirm your choice.



Pedestrian &
Cyclist Collision
Warning

Active under 31 MPH (or 50 km/h). Warns of an imminent collision with a pedestrian or cyclist.

The PCW collision warning is a critical alert; therefore, it cannot be disabled or muted



Intelligent
High-Beam
Control

Active over 21 MPH (or 35 km/h). Automatically switches headlights from low-beam to high-beam on dark roads without traffic. **Green** icon means the control is enabled; **Blue** means it is active. The IHC is only active if enabled during system installation

Activate and deactivate Intelligent High-Beam Control:

1. Press [] once.
2. Press [+] button until the shown icon appears.
3. Press [] once again.
4. Press [+] to activate IHC; press [-] to deactivate it.
5. Press the [] again to exit and save the new settings (or wait five seconds).
6. 0 = OFF; 1 = ON.



Speed Limit
Indicator & Traffic
Sign Recognition

Active at any speed. Detects speed limit signs and display it. Notifies the driver if the vehicle exceeds the allowed speed limit detected on speed signs. TSR detects traffic signs and display it.

Activate and deactivate Speed Limit Indicator:

1. Press [] once.
2. Press [+] button until the shown icon appears.
3. Press [] once again.
4. Press the [-] [+] buttons to decrease or increase the level.
5. Press the [] again to exit and save the new settings (or wait five seconds).