

Mobileye 6 Quick Start Guide

The Mobileye 630 system (ROS driver available) uses a smart digital camera located on the front windshield inside the vehicle.

Inside the camera, Mobileye's powerful EyeQ2® Image Processing Chip provides high-performance real-time image processing, by utilizing the Mobileye vehicle, lane and pedestrian detection technologies to effectively measure and calculate dynamic distances between the vehicle and road objects.



Box Contents



Main Unit



Eyewatch



Main Cable



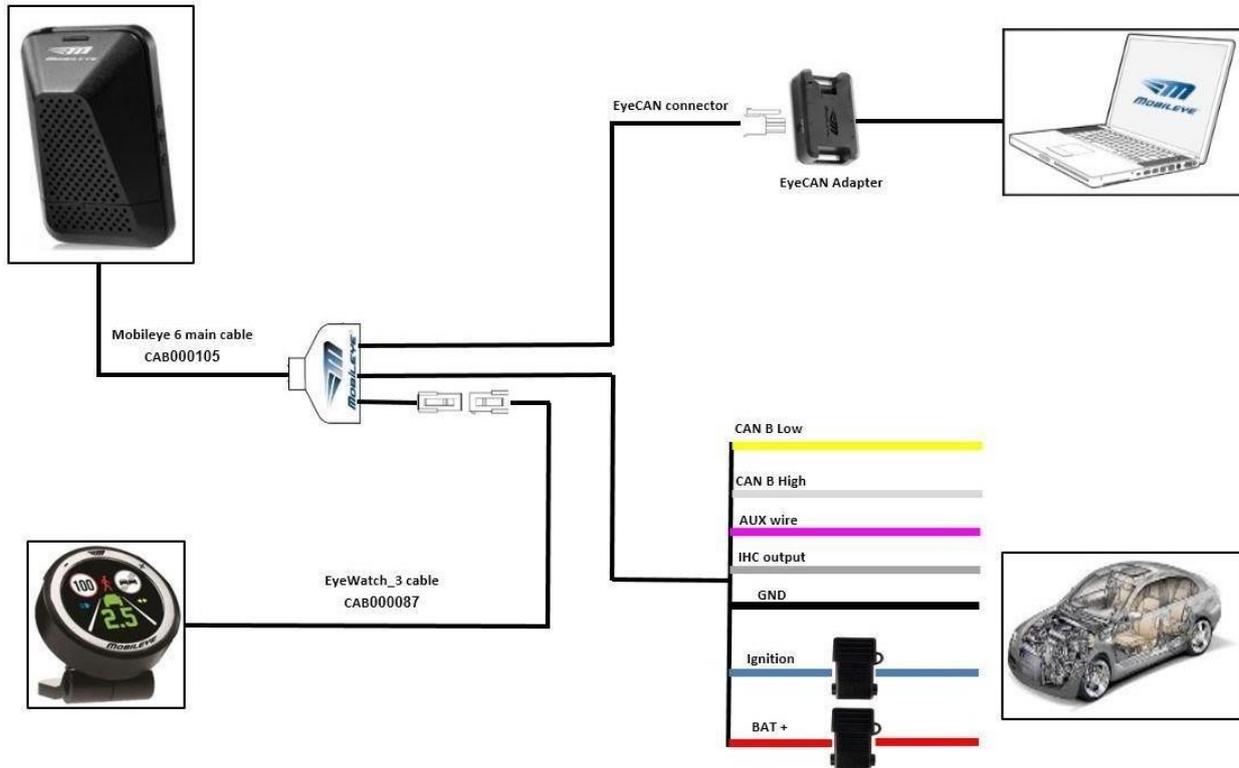
EyeCAN Adapter

Other Equipment Needed

- Laptop computer
- Kvaser USB/CAN Adapter
- Measuring tools for calibration (tape measure and level are recommended)

Installation

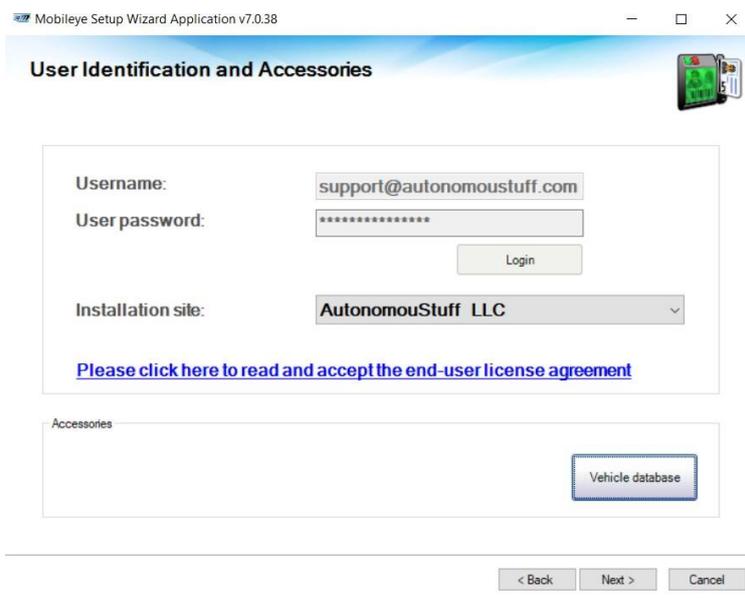
1. Mount the Mobileye to the center of the windshield.
2. Connect the Mobileye to vehicle CAN via the Mobileye 6 main cable.
3. Connect the EyeWatch to the main cable.
4. Supply 12VDC power via BAT+ and GND. A 12V ignition signal is required.
5. Connect a Windows laptop to the Mobileye via the USB EyeCAN adapter.



Mobileye 6 wiring diagram

Communications – Setup Wizard (Configuration and Calibration)

1. Download the Setup Wizard installer here: mobileye.com/us/fleets/support
2. Though the Mobileye should be configured and calibrated using the EyeCAN adapter, the user may splice EyeCAN and terminate it to be adapted to their own CAN bus interface.



Mobileye Setup Wizard Application v7.0.38

User Identification and Accessories

Username:

User password:

Login

Installation site:

[Please click here to read and accept the end-user license agreement](#)

Accessories

Vehicle database

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Mobileye setup wizard

Communications – ROS Driver (Logging and Visualization)

- ROS: wiki.ros.org
- Mobileye ROS driver: autonomoustuff.atlassian.net/wiki/spaces/RW

Additional Information

- Autonomoustuff.com
- [Full Documentation](#)