

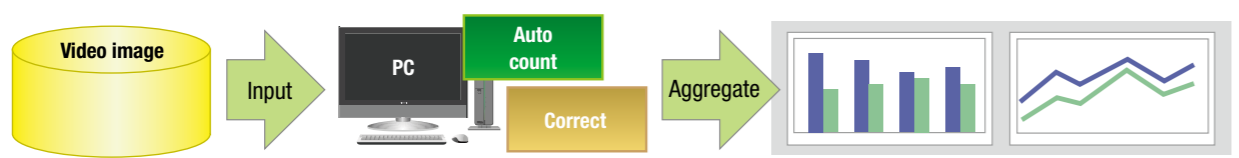
Output data

It is easy to do data aggregation such as time zone and vehicle type, since the measurement result is output in CSV format.




Analysis service

We also offer services to analyze the traffic volume on highways and general roads and the vehicle group characteristics from the camera images. Please feel free to contact us.




System configuration

Angle check




Tablet

Video shooting



Video camera

Measure



PC

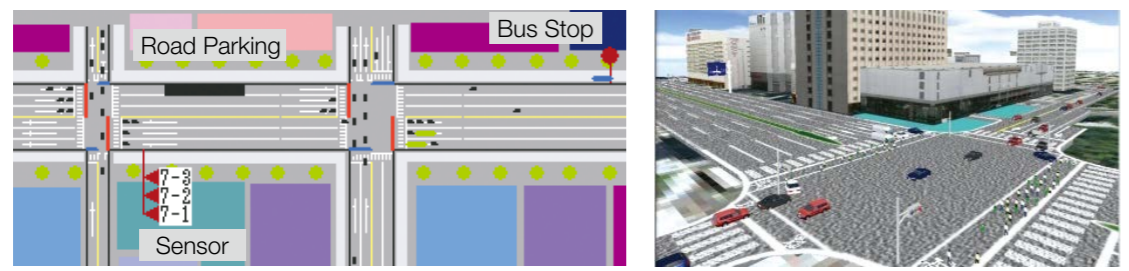
Hardware requirement

- **Tablet**
OS: Android7.0
- **PC**
OS: Windows® 10
CPU: Intel® Core i3-6100 or more
Memory: 4GB or more
Screen resolution: WSXGA+ (1680x1050) or more

- This product is software to make traffic census automated. Please purchase the hardware devices (Tablet, Video camera, PC) as necessary.
- Operation check may be necessary by a tablet model beforehand.
- Please check HP for the latest operating environment. URL: <http://info.hitachi-ics.co.jp/eng/products/gazoutraffics/index.html>

Cooperation with traffic simulator

Based on the census result obtained with this system, traffic simulation can be performed with Hitachi traffic simulation system.



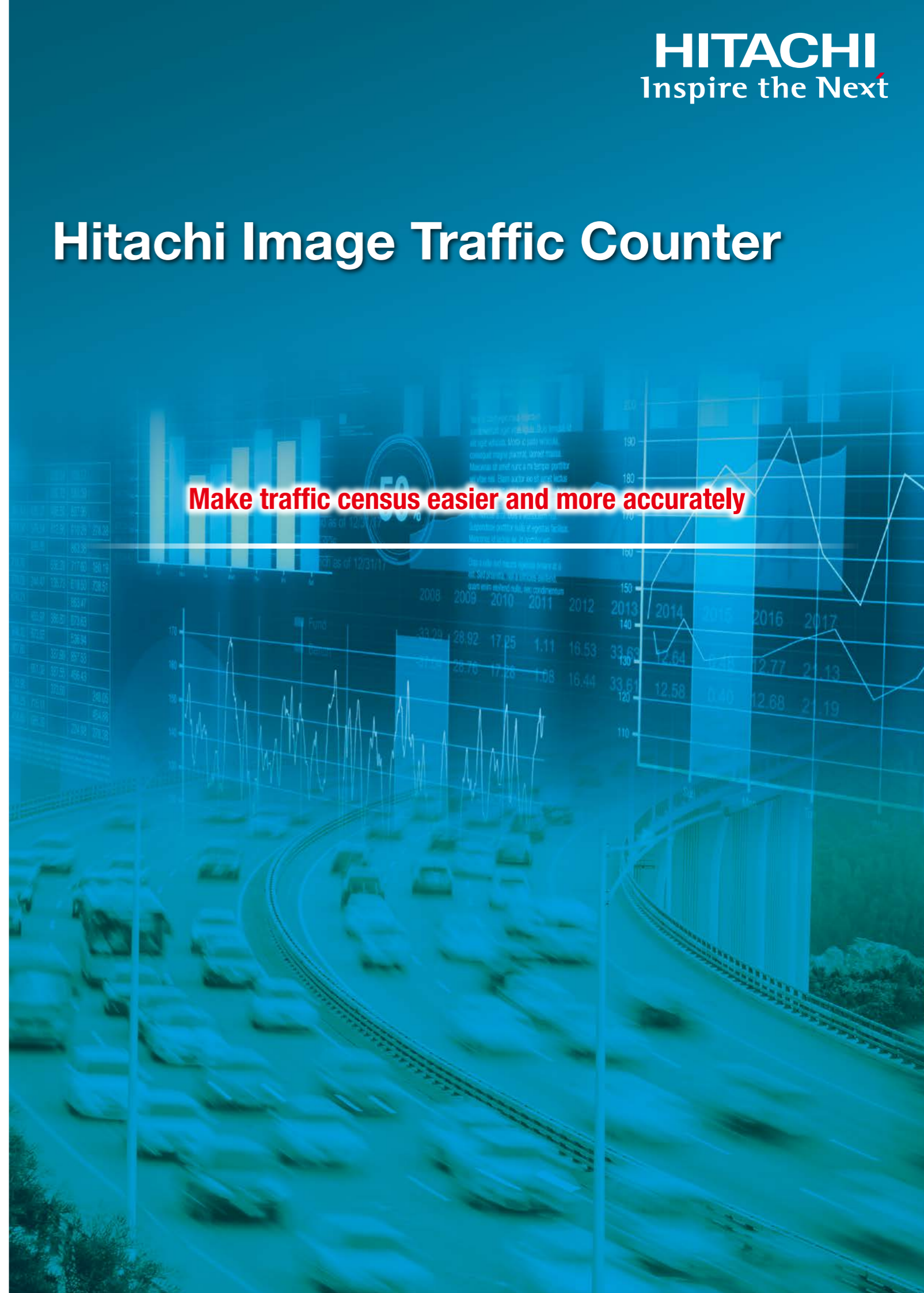
- Android is a registered trademark of Google Inc.
- Windows is a registered trademark or trademark of Microsoft Corp. in the United States or other countries.
- Intel is a trademark of Intel Corp. or its subsidiaries in the United States or other countries.
- The information in this document is presented as of September 2019.
- Product specifications are subject to change for the purposes of reform or development without preliminary announcement.
- In the event of export of this product, please conform to procedural requirements in addition to verification of foreign currency exchange, foreign trade regulations, foreign export relation regulations for countries such as the U.S., and export management regulations. Please contact a Hitachi operations personnel for further inquiries.

Hitachi Industry & Control Solutions, Ltd. <http://info.hitachi-ics.co.jp/eng/index.html>

Tokyo Main office Address : 6-1 Akihabara, Taito-Tokyo Main office ku, Tokyo, 110-0006 Japan
E-mail : www@ml.hitachi-ics.co.jp

Hitachi Image Traffic Counter

Make traffic census easier and more accurately

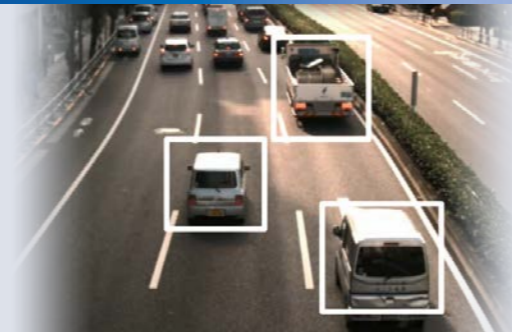




Make traffic census easier and more accurately

Hitachi Image Traffic Counter is software that can measure the traffic volume automatically when you input the video image.

- Automate traffic census with video camera and PC
- Check proper angle of view with a tablet application

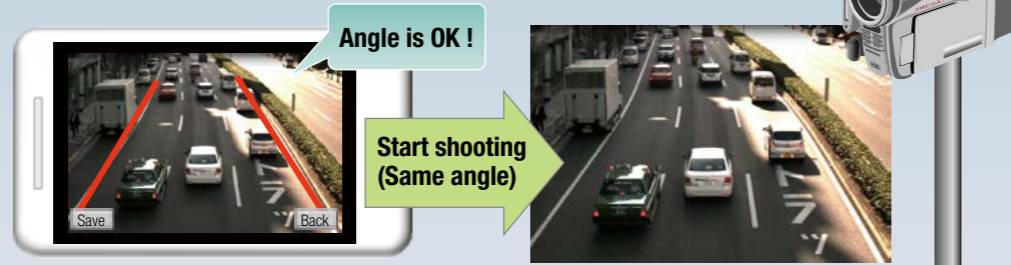


Flow of automated traffic census



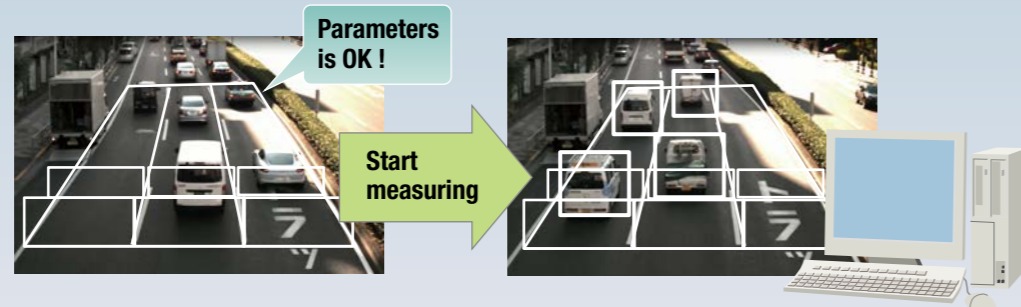
STEP 1 Collect

Shoot target road by your video camera. You can check proper angle of view by using an application which is installed in your tablet.



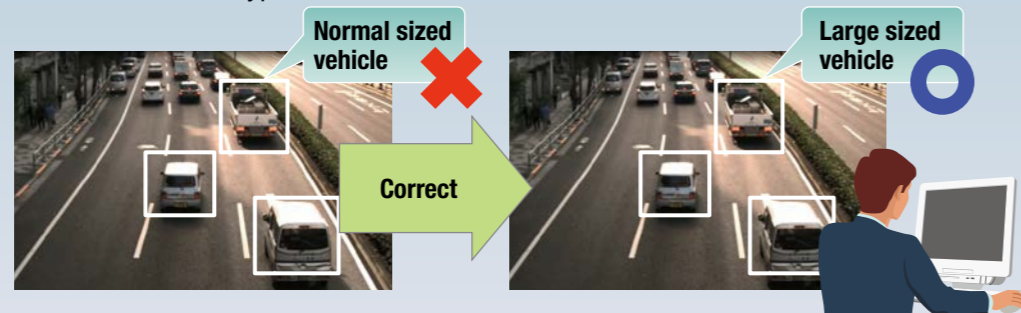
STEP 2 Count

Input the shooting video image and measure the traffic volume automatically. You can get the number of vehicles passing each lanes and the type of vehicle by setting parameters necessary for the measurement such as the number of lanes and the position of lanes.



STEP 3 Correct

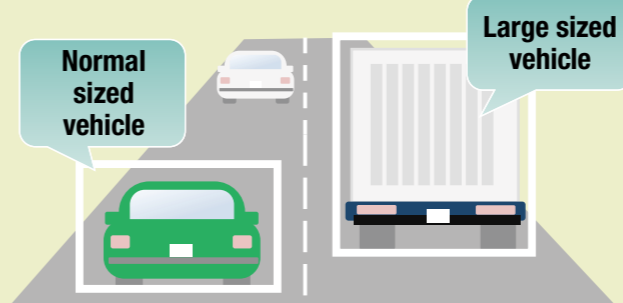
Check the result of automatic measurement. As necessary, you can do corrections such as addition and deletion of vehicles, corrections of vehicle type, etc.



Features

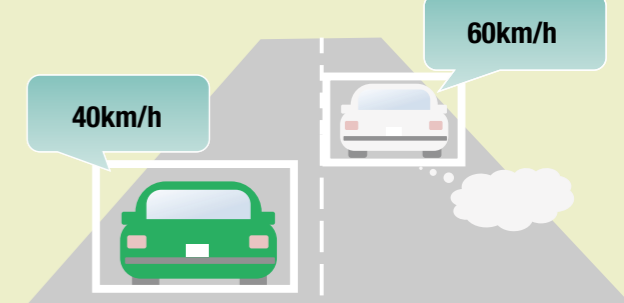


Vehicle Identification



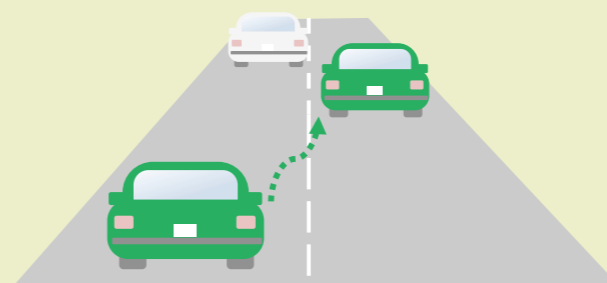
Detected vehicles can be identified as normal sized vehicle or large sized vehicle.

Speed Measurement



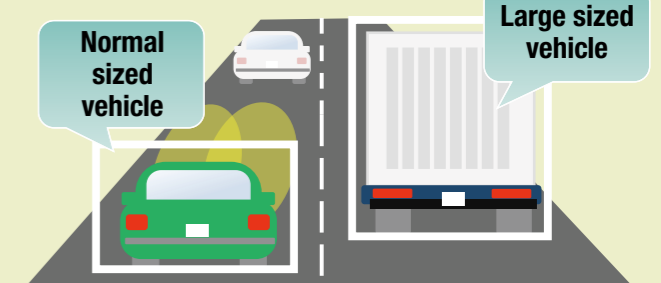
Detected vehicle travel speed is measured.

Travel Path Detection



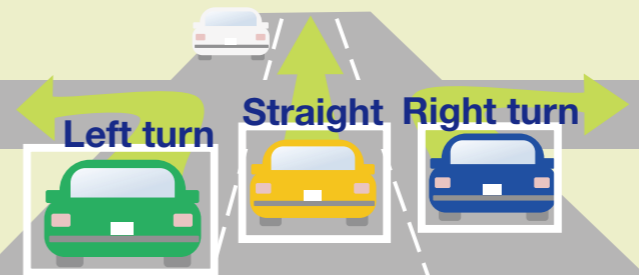
Vehicle travel path is recorded.

Nighttime Imaging



Tail lights can be detected to also enable nighttime imaging.

Traffic Volume Measurement by Direction



Traffic volume going different directions can also be measured.

Scenario Execution



Multiple videos can be recorded in scenarios sequential analysis of video.

