MTP Exit Road Violation Detector

Main roads have exit way and you need to take the first Right lane around 100 meter away before approaching to Exit.

Because of busy traffic at the first Right lane and most Drivers want to change to the Right lane in hurry, they better stay at the second lane then they will drive fast till they reach the final Exit way. With this case it was a big problem that cause accident between the cars aligning in the right lane way and also to the driver that hurriedly changing lane directly at Exit way. So everybody will complain and get heat headed.

Picture 1: MTP Poland Software

For this purpose, we produced intelligent system to make solution for this Violation.

Picture 2: MTP Poland Camera Set

Our product is included:
- One Camera
- One Processor
- One Software
- One Post

It can be installed on the any exit road fork, only we should set up our software to be compatible with specific fork as customer desired.

Our Camera can record all the Violations and send it to police station to make a fine to the drivers who violated traffic in the Exit way road.

Picture 1, shows the Blue Car which is violating the traffic rows. Camera records the video and our software automatically detected the Violator Car.

MTP POLAND sp.zo.o
Tel: +48 22 7166612   Fax: +48 22 7166613   Mob: +48 576 185440
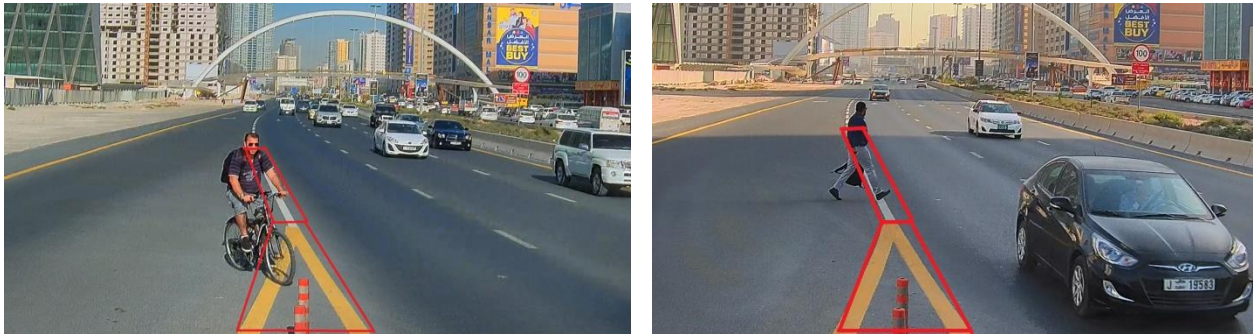**NIP: 5252655683   REGON: 364224743 KRS: 0000612101**
Email: info@mtppoland.com
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As you can see the Red line in this picture which we drew it on our software, so if one car crosses this Red line from Lane 2 to Lane 1, its image and video will be recorded for a few second (this is depend to client request).

Picture 2, shows our camera and processor with post which is installed at Exit Road Fork.

Picture 3: Police ordinary camera

Disadvantage of Ordinary System:

Usually each advance camera has one software which you can draw some simple detection area,

If any objects like Bicycle, Car and also Human will cross this detection area, camera start to record for desired second.

But ordinary software is not design for traffic purpose, so it will recognize all of moving objects and not only car.

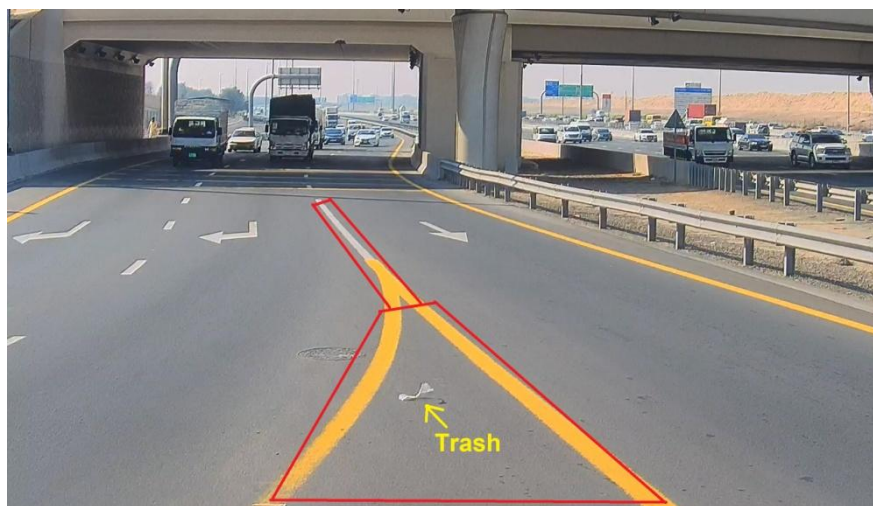If you use this type of software for traffic, it has a lot of fault such as detecting shadows, bicycle, human etc…

There are some faults of ordinary software as follows:

1- If some living things, bicycle or motorcycle cross detection area, camera will detect and start recording for a few seconds,

Picture 4: Bicycle and Human fault

2- If some trash will fall on detection area, camera will start to record the video,

Picture 5: Trash fault

3- If the shadow of a car touch the detection area, camera will start to record the video,

Picture 6: Shadow fault

4- At night time, if the car light shine at detection area, camera will start to record the video,

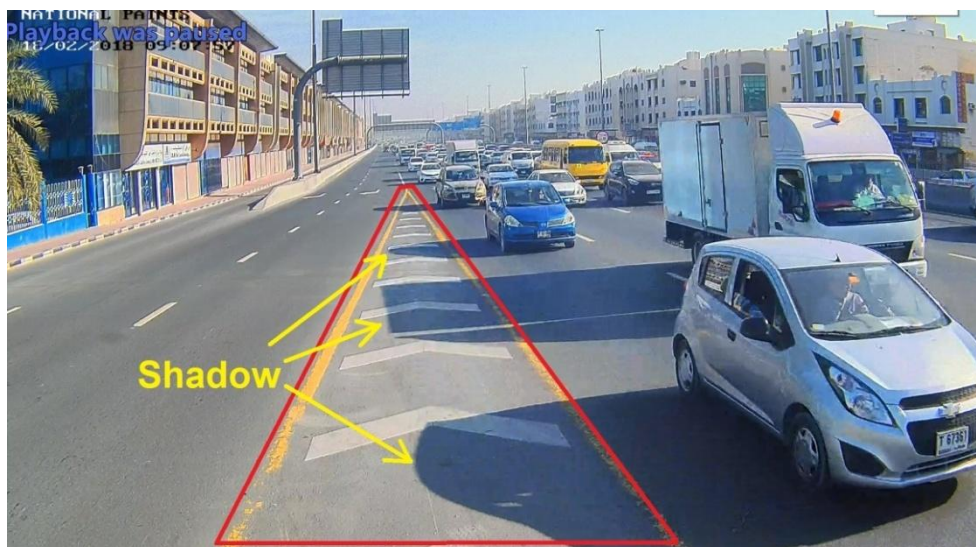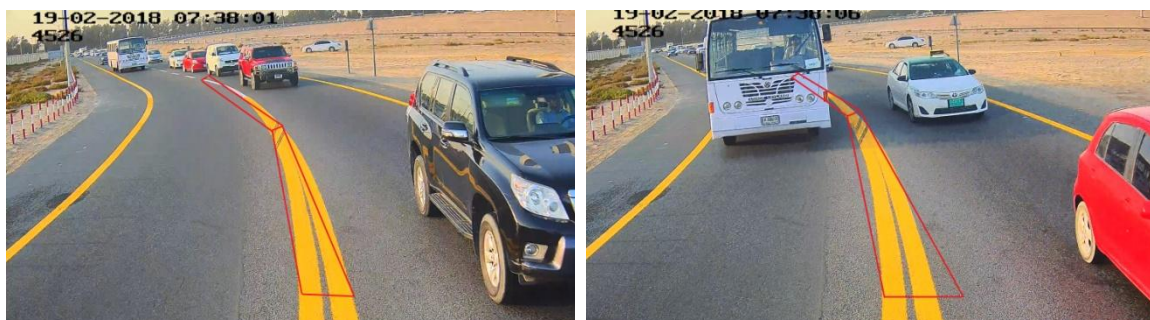Picture 7: Car Light fault

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5- At the curve road, even the car doesn't touch the detection area and the car reached at the front of curve, camera mistakenly start to record the video because it will just detect the front car.

Picture 8: Curve fault

With this 5 reasons the output of ordinary software is not only for Car violation but also unidentified objects that automatically recorder by ordinary software.

But our software can solve all of these particular faults.

Advantage of MTP POLAND System:

MTP Poland Exit Road Violation Detector system will solved all of above fault,

Our software advantages are:

1- Removing Shadow effect,

2- Removing Human effect,

3- Removing Trash effect,

4- Removing Bicycle effect,

5- Removing Animal effect,

6- Removing Car light effect,

7- Removing Curve effect,

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8- Compatible with all brand of camera video: our program can be match with all brands of camera so it doesn't push extra charge to client if he has available camera,

9- Sensitivity to Traffic: Our software can detect the traffic and it will automatically active only at busy crowded time. So if the traffic is not busy, software can ignore violators. And also our Client can adjust our software sensitivity to traffic and it depends on their requirements.

How can use MTP POLAND Exit Road Violation Software:

1- Customer will send some video which recorded by their camera of desired exit road,

Picture 9: some sample video
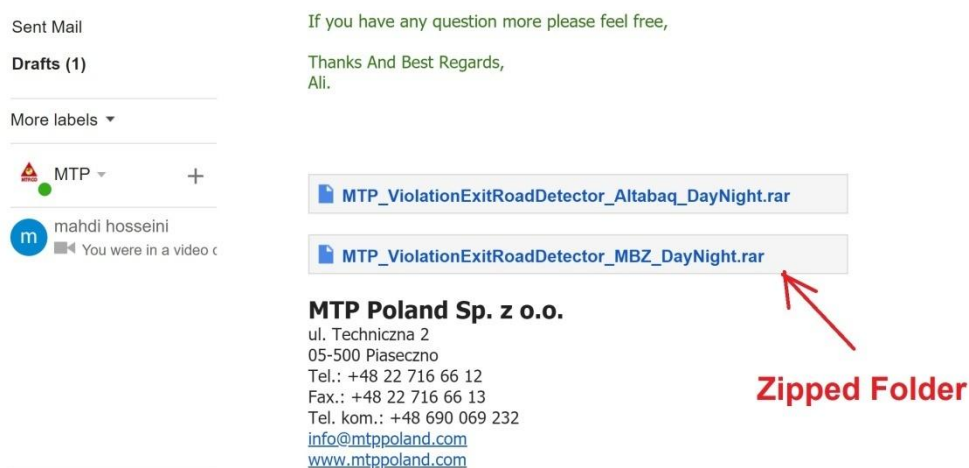
2- We will make the program compatible to the desired Exit Road and save it in one folder,

Picture 10:. Exit Road Violation Software Folder

3- We will email this program folder as zip folder to our client,

Picture 11: Zipped program folder

4- Our client will copy it in his PC or laptop,

5- Our client will unzip our program folder and find there two folder and one program,

5.1. Video folder: client will save all video which recorded by his camera in this folder,

5.2. Generated folder: all of violations video which detected by our software will save in this folder,

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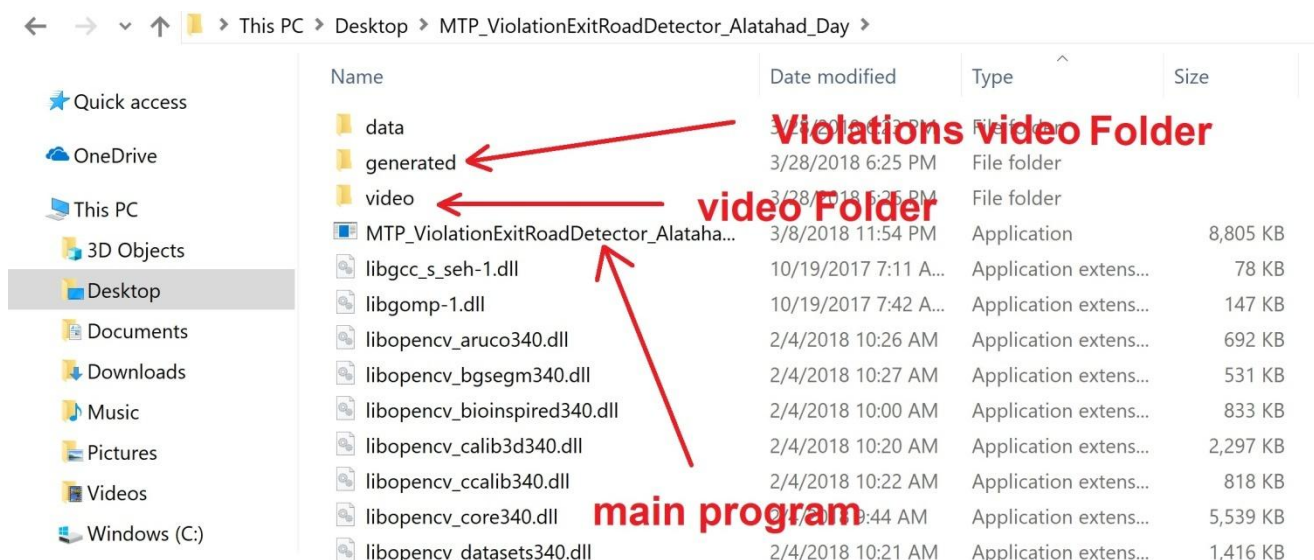**Tel: +48 22 7166612   Fax: +48 22 7166613   Mob: +48 576 185440**
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5.3. Main Program: Client will click on this program; it will run and automatically start to detection Exit Road Violation and will save it a few second before and a few second after violation in Generated folder,

Picture 12: Unzipped folder

6. Client can open Generated folder and see one by one that produced violation video and read the car plate numbers and gather the fine for Violator,

Our software is designed originally and it is first time in the world and not similar to any program,

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