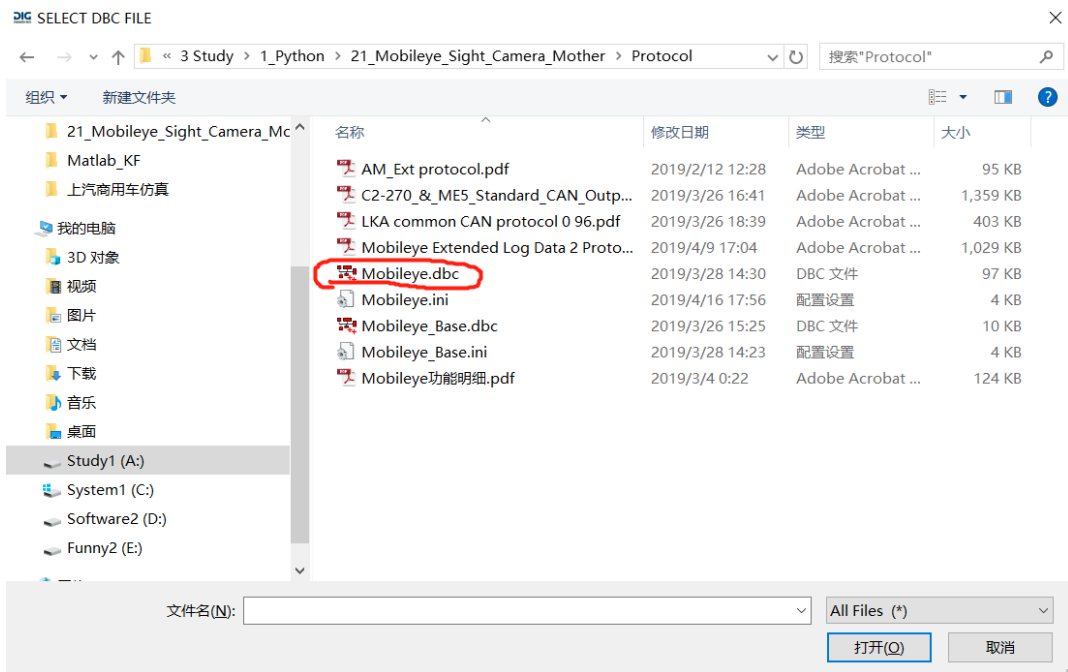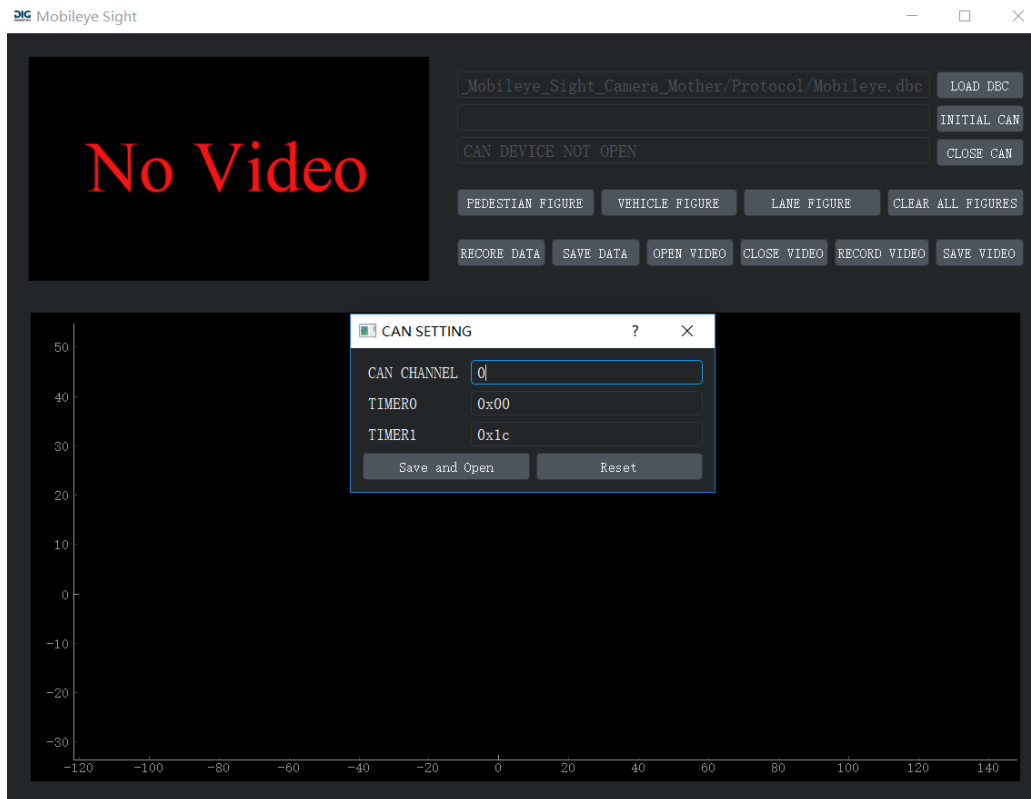1. Load BDC file for Mobileye M630

2. Initial CAN device After loading DBC. The CAN device used for this software is from ZLG-CAN-like device in China. You can find it in Taobao or wherever. The CAN parameters can be found in the documents provided by the sellers;
    (https://item.taobao.com/item.htm?spm=2013.1.0.0.3TumXg&id=546938109612，通用版)

3. Close CAN device;
4. When CAN is open, click 4, the pedestrians detected by camera are shown on screen 14;
5. When CAN is open, click 5, the vehicles detected by camera are shown on screen 14;
6. When CAN is open, click 6, the ego lanes detected by camera are shown on screen 14;
7. When CAN is open, click 7, screen 14 is clear, if click 4/5/6 again, obstacles and lanes appear again;
8. Click 8 to record CAN data(.csv); You can change the data number in 'MainWindow.py' for each csv file;

```python
Record_Data_Counter = int(0)
Data_Number = 1000000
def __init__(self,parent=None):
    super(MainWindows,self).__init__(parent)
    '''绘制主窗口'''
    self.SetUI()
    '''定义的信号与槽'''
    self.Signal_Def()
```

9. Click 9 to save CAN data;
10. Click 10 to open the rtsp camera video shown in 15, you can change the url of rtsp in './Version/Camera_Version.py';

```python
def Open_Vedio_Initial(self):
    url = "rtsp://192.168.1.10:554/user=admin&password=admin&channel=1&stream=0.sdp?"
    self.cap = cv2.VideoCapture(url)
```

11. Click 11 to close video;
12. Click 12 to record video, you can change the frames in './Version/Camera_Version.py' to adjust the duration of each video(i.e., Frame rate 25fame/s, 90000 frames = 3600s = 1 h, for each video); note the whole video is divided into pieces. For example, the Vedio_Number is set 90000, if you have recorded for 1.5h, the first video lasts 1 h and will be saved automatically;

```python
class Camera_Version(QWidget):
    Vedio_Running_Indicator = 'No'
    Vedio_Recording_Indicator = 'No'
    Vedio_Save_Path = ''
    '''每Vedio_Number帧保存一个视频'''
    Record_Vedio_Counter = int(0)
    Vedio_Number = 90000#One vedio for 1 hour
    def __init__(self, parent = None):
        super(Camera_Version, self).__init__(parent)
        self.SetUI()
```

13. Click 13 to save the last video.