```
import
cv2
        import numpy as np
        from tensorflow.keras.models import load_model
        from tensorflow.keras.preprocessing import image

        class Video(object):
               def __init__(self):
                      self.video = cv2.VideoCapture(0)
                      self.roi_start = (50, 150)
                      self.roi_end = (250, 350)
                      self.model = load_model('asl_model.h5') # Execute Local Trained
        Model
                      # self.model = load_model('IBM_Communication_Model.h5') #
        Execute IBM Trained Model
                      self.index=['A','B','C','D','E','F','G','H','I']
                      self.y = None
               def __del__(self):
                      self.video.release()
               def get_frame(self):
                      ret,frame = self.video.read()
                      frame = cv2.resize(frame, (640, 480))
                      copy = frame.copy()
                      copy = copy[150:150+200,50:50+200]
                      #Prediction Start
                      cv2.imwrite('image.jpg',copy)
                      copy_img = image.load_img('image.jpg', target_size=(64,64))
                      x = image.img_to_array(copy_img)
                      x = np.expand_dims(x, axis=0)
                      pred = np.argmax(self.model.predict(x), axis=1)
                      self.y = pred[0]
                      cv2.putText(frame,'The Predicted Alphabet is:
        '+str(self.index[self.y]),(100,50),cv2.FONT_HERSHEY_SIMPLEX,1,(0,0,0),3)
                      ret,jpg = cv2.imencode('.jpg', frame)
                      return jpg.tobytes()
```