

# Introduction

First of all, to complete this topic well, We get a lot of help from the teachers in the department. Especially, We would like to thank teacher **Nguyen Trung**. He helped us during the time of making the report. We sincerely thank the teaches.

About this topic, the field of Drone in particular and embedded field in general, Camera streaming is important to supervisors and processing data. IP camera is too big and consumes more power. Therefore, the embedded camera is more flexible and doesn't need a high-performance microprocessor. At this topic, We are using the OV7670 camera module and STM32F466RE to processing raw data. Raw data after compress to jpeg format which will transfer to PCs through Uart and display on the screen.