```c
#include "stm32f10x.h"
#include "clock.h"
#include "ADC1.h"
#include "PWM.h"
#include "main.h"

void initSensor1Ports()
{
  RCC->APB2ENR |=  RCC_APB2ENR_IOPBEN | RCC_APB2ENR_IOPCEN;

  //Turn PB7 into input, recieve from ultrasound echo
  GPIOB->CRL |= GPIO_CRL_CNF7_0;

  //Turn PC5 into output.
  GPIOC->CRL |= GPIO_CRL_MODE5_1 | GPIO_CRL_MODE5_0;

  //Turn PC7 into output.
  GPIOC->CRL |= GPIO_CRL_MODE7_1 | GPIO_CRL_MODE7_0;

  //Turn the trig to start at 0
  GPIOC->ODR &= ~GPIO_ODR_ODR5;
  //Turn the echo to start at 0
  GPIOB->IDR &= ~GPIO_IDR_IDR7;

}

int sensorControl(void)
{
  int counter = 0;
  GPIOC->ODR &= ~GPIO_ODR_ODR5;
  delay(30);
  GPIOC->ODR |= GPIO_ODR_ODR5;
  delay(60);
  GPIOC->ODR &= ~GPIO_ODR_ODR5;
  delay(60);

  while ((GPIOB->IDR & GPIO_IDR_IDR7) == 0x00){

  }

  while ((GPIOB->IDR & GPIO_IDR_IDR7) != 0x00){
    counter++;
    delay(60);
  }

  //Returns 340m/s * counter divided by 2. Converted into microsecond
  return counter;
}
```