

ARDUINO UNO	LDR
GND	GND
5V	VCC
A0	D0

ULTRASONIC	ARDUINO UNO
GND	GND
VCC	5V
TRIG	9
ECHO	10

LED	ARDUINO
+VE	-VE
-VE	+VE

Connect fan to battery

Connect fan to relay

Connect relay to Arduino Uno