

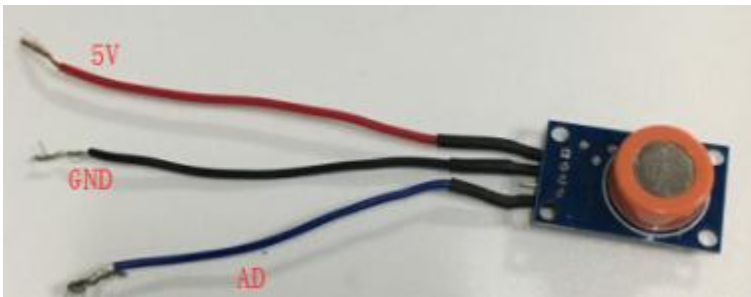
## VT900 with Alcohol Sensor Instruction

1. Hardware: VT900 3G GPS Tracker, Magnetic Card Reader, Alcohol Sensor
2. Firmware: VT900\_3G\_V1.69\_D30\_20180622.Bin

Note: Above is the customized version for Thailand market. If you need use BUZZER to alarm, please contact us for customization.

### Step 1: Wire Connection

VT900 AD wire connect to Alcohol sensor AD wire. In device GPRS data package, AD1 value is the alcohol sensor output voltage.



Note: Alcohol sensor power supply is **0-5V**, that means you can not directly connect to vehicle main power.

### Step 2: Check Alcohol Sensor output voltage

Check Alcohol Sensor AD wire output voltage by multimeter, which should be lower than 0.5V. Detection accuracy will be better if the alcohol sensor is heated for more than 10 minutes



### Step 3: Start Testing

1. Tracker ON after 10mins, put Alcohol sensor close to Alcohol
2. Alcohol Sensor detected alcohol in the air, will trigger buzzer alarm and send GPRS event **0X79** to server.
3. If you connect VT900 GPS Tracker to COMTOOL, you could find the 0X79 alarm as below:

**FGB:01**

**79BZ01T0200**

FGB: Alarm

01: The first alarm

79: Alarm code

BZ01T0200: command to Magnetic Card Reader

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4. The default time for alcohol sound alarm is 20 seconds, could set time as below:

W\*\*\*\*\*,575,T

@@<L><ID><0x4575><T><checksum>\r\n

T=[0, 255], unit = second, default=20seconds

Eg.: W000000,575,10