**Wifi direct**

Wifi direct Antennae

Smartphone

Arduino

ESP 8266

RS 232/485

The entire process can be explained in the following steps:

1. ESP 8266 is the module needed to make Arduino board Wifi direct.

2. ESP 8266 can work in any of the baud rate : 9600, 57600 or 115200.

3. There’s an APK in smartphone to read data from Arduino.

4. Arduino is connected to sensors via serial port output.