

# booyaka™-2.0

An Engineer's Kit



DIY KIT FOR

IOT (Internet Of Things)

 LEAP ROBOTS

# Booyaka Brain

Input vtg	7-12 V
Digital I/O Pins	14
Flash Memory	32 KB
SRAM	2KB(ATmega328p)
EEPROM	1KB(ATmega328P)
Clock Speed	16MHZ
Operating Voltage	5V



**Motion Sensor**



**Ultrasonic Sensor**



**Temperature & Humidity Sensor**



**GSM Module**



**Bluetooth Module**



**Wifi-Module**



**Potentiometer**



**DC Motor**



**Motor Shield**



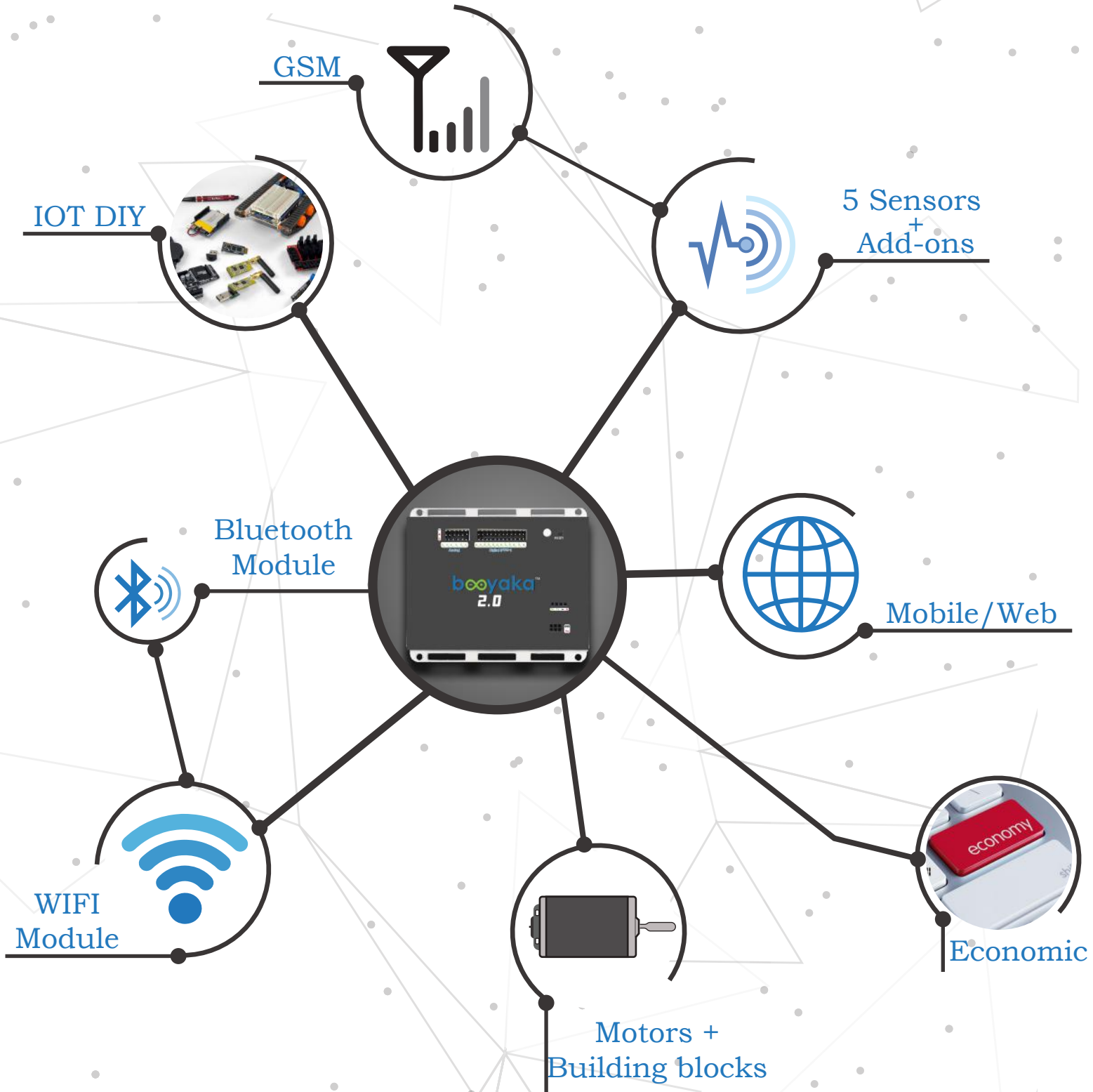
## Add-on Sensors

- Soil Moisture Sensor
- Proximity Sensor
- Gas Sensor, Methane, Butane, LPG, Smoke Sensor
- Float Switch Sensor
- Tilt Sensor
- Hall Current Sensor Module
- Ldr Light Sensor Module



**Building blocks**

# Specifications



# WHY ?

# booyaka-2.0



Internet



Big Data



Programming



Home Automation



Robotics



Artificial intelligence



Mobile / Web App



Machine Learning



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