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IoT Kit Configuration

[Usage: IOT & WSN Lab]

- Purchase Year: 2023

IOT KIT DETAILS

The IOTIF trainer kit is an electronic trainer kit consisting of three micro-controllers: Raspberry Pi 4B 1GB / Raspberry Pi 4B (with SD Card and pre-installed Raspbian OS), Arduino Nano and ESP-01; and a variety of sensors and actuators like Buzzer, LED, RGB LED, Relay, Ultrasonic sensor, Light Dependent Resistor (LDR), Passive Infrared Sensor (PIR sensor), Humidity and Temperature sensor (DHT-11), Servo motor, Stepper motor, Bluetooth module (HC-05), Liquid crystal display (LCD), Joystick and a Membrane Keypad.

COMPONENTS

- Raspberry Pi 4B 1GB
- SD Card
- Nano Board compatible with Arduino
- PIR Sensor
- HCSR04 Ultrasonic Sensor
- DHT11 Sensor
- PS2 Joystick Module

- 1ESP8266
- Bluetooth Module
- 14 x 4 Membrane Keypad
- Relay Module
- Breadboard
- LED
- RGB LED
- 16 x 2 LCD Module
- Stepper Motor
- Servo Motor

