

# IOT DEVICE

all purpose



TIMELESS, CLASSIC, CHIC.

# Table of Contents

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02	Introduction
03	Kit Components
03	Connecting to the Web/App
04	Using the IoT Kit
07	Troubleshooting & FAQs
08	Support & Contact Information

# INTRO- DUCTION

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## Overview of the IoT Kit

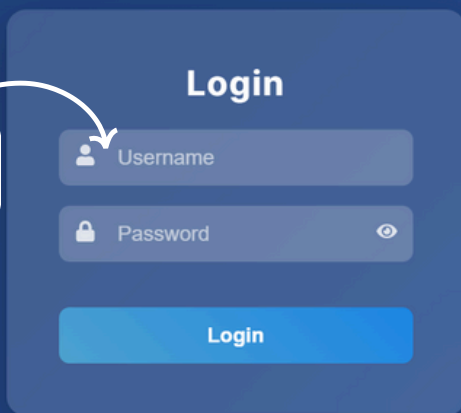
The IoT Kit is a versatile and user-friendly hardware and software solution designed for IoT applications. It includes multiple sensors, a microcontroller, and connectivity options to help users develop and deploy IoT-based projects efficiently. This kit enables real-time data monitoring, remote control, and automation through a web or mobile application.

## Purpose and Applications

The primary purpose of the IoT Kit is to provide an easy-to-use platform for learning, prototyping, and deploying IoT solutions. It can be used in various fields, including:

- **Smart Homes** – Automate lighting, security, and appliances.
- **Industrial Monitoring** – Track environmental conditions and equipment status.
- **Agriculture** – Monitor soil moisture, temperature, and weather conditions.

Enter your login details. If you don't have an account sign-up first.

A stylized illustration of a login form on a dark blue background. The form is a lighter blue rounded rectangle. At the top, the word "Login" is written in white. Below it are two input fields: the first is labeled "Username" with a person icon, and the second is labeled "Password" with a lock icon and an eye icon to toggle visibility. At the bottom of the form is a blue button with the word "Login" in white. A white curved arrow points from the text box on the left to the Username field.

# KIT COMPONENTS

## Sensors

- Temperature
- Humidity
- Ultrasonic(Measures Distance)
- PIR(Motion Detector)

# CONNECT TO THE WEB/APP

To access your IoT Kit through the web/app dashboard:

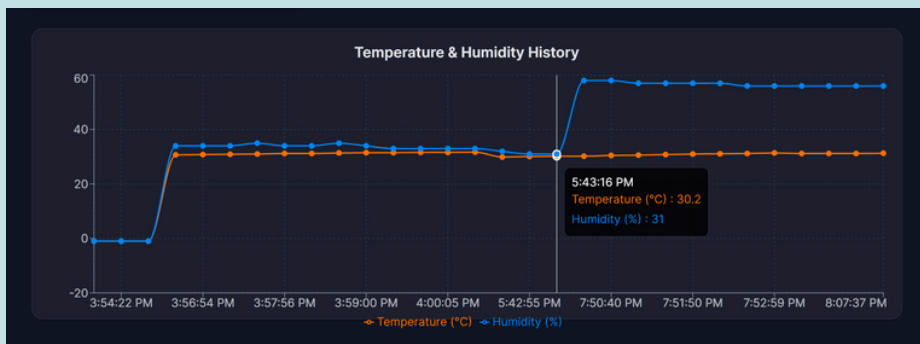
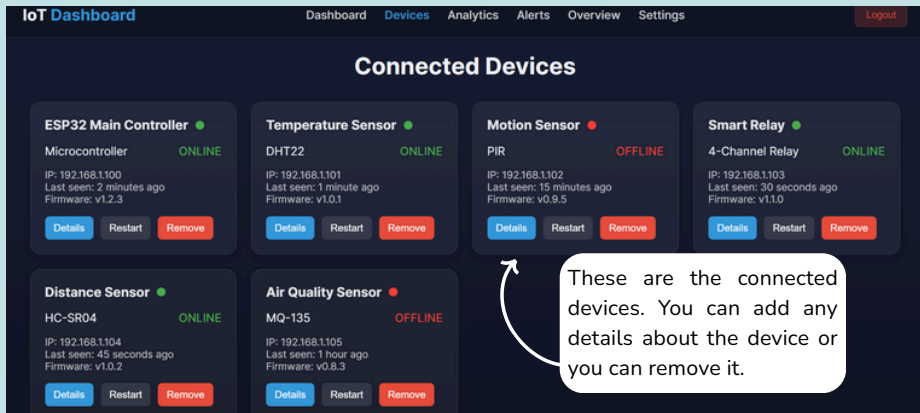
1. Visit the official IoT Kit website or download the **digitalot** from the Google Play Store.
2. Click “Register” or “Sign Up” and enter your email and password to create an account.

3. If you already have an account use your credentials to log in to your account on the web or app.
4. Navigate to the “Devices” section.
5. Click or tap “Add Device.”
6. Enter the unique device ID provided with your kit.
7. Once connected, view real-time sensor data and control your device through the web dashboard or mobile app interface.

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**NOTE:** For the proper functioning of the IoT Kit, a stable internet connection (via Wi-Fi or mobile data) is essential to enable real-time communication between the device and the web or mobile application.

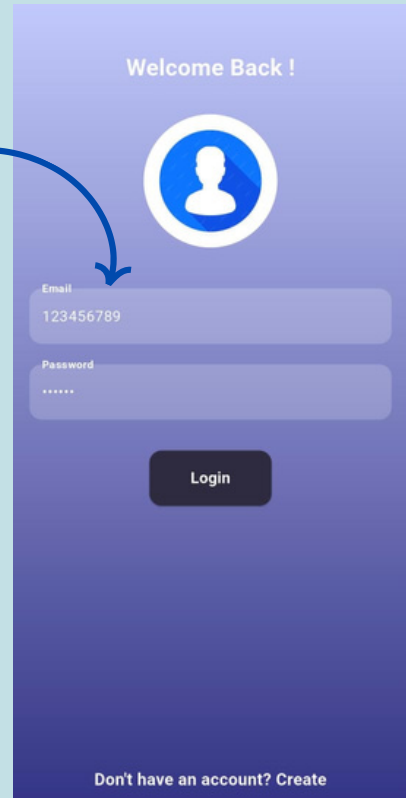
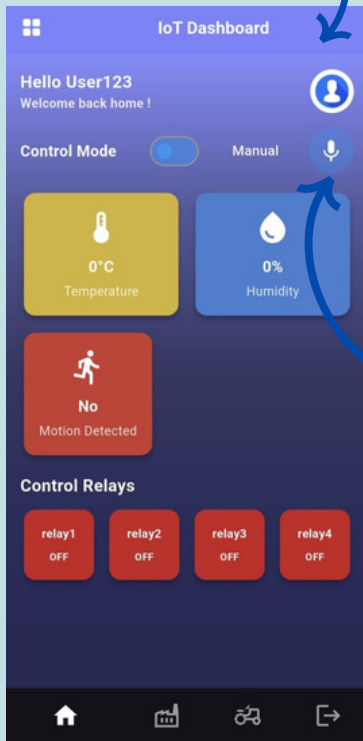
# THE USER INTERFACE



# THE USER INTERFACE

Enter your login details. If you don't have an account sign-up first

This is the IOT dashboard of our app. You will see this after the login page. Here you can see the sensor data and edit and make changes .



A voice control option is also there where you can provide instructions to be performed. You can provide command as "Turn on/off relay x" or you can switch to different modes i.e. Manual and Auto mode.

# USING THE IOT KIT

The IoT Kit is designed to offer seamless interaction between hardware and software, allowing users to monitor, control, and automate operations efficiently through the connected web or mobile application.

## **Monitoring Sensor Data**

- View real-time data from sensors like temperature, humidity, and motion on the app or web dashboard. Analyze trends using live and historical data.

## **Controlling Devices Remotely**

- Control devices (e.g., LEDs, motors) from anywhere using the app. You can turn them on/off or automate actions based on sensor readings.

## **Notifications & Alerts**

- Get instant alerts on your phone or email when certain conditions are triggered—like motion detected or high temperature—so you're always updated.





# TROUBLESHOOTING & FAQs

## Common Issues & Fixes

- Find quick solutions to problems like connectivity errors, app crashes, or sensor malfunctions. Most issues can be resolved by restarting the kit or checking Wi-Fi.

## Contacting Support

- For unresolved issues, contact the support team via email or in-app help with your device ID and a brief description of the problem.

# SAFETY & MAINTENANCE

## Usage Guidelines

- Use the kit indoors in a dry, ventilated area. Avoid physical damage and do not expose components to moisture or extreme temperatures.

## Cleaning & Storage

- Disconnect power before cleaning. Use a soft, dry cloth to wipe components. Store in the original box or a dust-free container when not in use.







LET'S GET IN TOUCH

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SHYAMSUNDER TARD  
SANSEET SUNA  
LAVANYA TAMGADE  
SATWIK SANKET RATHA  
PRATYUSH SENAPATI

**IOT\_WEB APP**