

ESP32-Based Smart Home Automation System Project Sensor Test Working Results

DHT20 Temperature and Humidity Sensor data results

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

[23648] IP: 172.20.10.14

[23649]

```
  _ _ _ _ _  
 / _ ) / / _ _ _ _ / / _  
 / _ / / / / / _ \ ' '  
 / _ / _ \ , / / / _ \ \ '  
   _ / v1.3.2 on ESP32
```

#StandWithUkraine <https://bit.ly/swua>

[23659] Connecting to blynk.cloud:80

[24287] Ready (ping: 213ms).

✓ DHT20 ready.

Temperature: 25.94 °C, threshold: 23.00 °C

Humidity is: 33.40 %

Temperature: 25.93 °C, threshold: 23.00 °C

Humidity is: 33.44 %

Temperature: 25.91 °C, threshold: 23.00 °C

Humidity is: 33.45 %

Temperature: 25.91 °C, threshold: 23.00 °C

Humidity is: 33.47 %

LDR light Sensor data results

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

[illegible]

#StandWithUkraine <https://bit.ly/swua>

```
[663] Connecting to blynk.cloud:80
[845] Ready (ping: 89ms).
Light Intensity: 1969 lumin, threshold: 3000 lumin
Light Intensity: 0 lumin, threshold: 3000 lumin
Light Intensity: 0 lumin, threshold: 3000 lumin
Light Intensity: 2194 lumin, threshold: 3000 lumin
Light Intensity: 0 lumin, threshold: 3000 lumin
Light Intensity: 0 lumin, threshold: 3000 lumin
Light Intensity: 2906 lumin, threshold: 3000 lumin
Light Intensity: 2864 lumin, threshold: 3000 lumin
Light Intensity: 2836 lumin, threshold: 3000 lumin
Light Intensity: 2736 lumin, threshold: 3000 lumin
Light Intensity: 3437 lumin, threshold: 3000 lumin
```

HC-SR04 Ultrasonic Distance Sensor data results

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

[653] IP: 172.20.10.14

[653]

```
  _ _ _ _ _  
 / _ ) / / _ _ _ _ / / _  
 / _ / / / / / _ \ ' /  
 / _ / / \ , / / / / \ \  
   / _ / v1.3.2 on ESP32
```

#StandWithUkraine <https://bit.ly/swua>

[664] Connecting to blynk.cloud:80

[827] Ready (ping: 86ms).

Distance to the door: 9.11 cm, threshold: 28.00 cm

Distance to the door: 9.28 cm, threshold: 28.00 cm

Distance to the door: 17.56 cm, threshold: 28.00 cm

Distance to the door: 8.92 cm, threshold: 28.00 cm