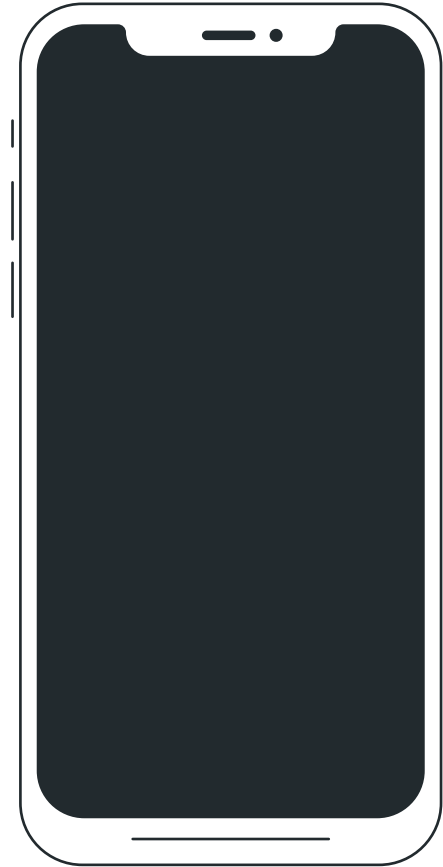


 Density



# Density Unit Setup

- 01 – Download & Login
- 02 – Setup Network Template
- 03 – DPU Identification
- 04 – Doorway Selection
- 05 – Network Selection
- 06 – Setup Summary
- 07 – Advanced Options

# Download & Login

# 01

## Download iOS App (No Android App)

Download the Density Setup app from the App Store onto your iPhone or iPad. No Android compatibility.



## Login

Login with the email and password that you set your Density account up with. If you forgot your login information please contact us at [contact@density.io](mailto:contact@density.io)

# Setup Network Template

# 02

## Create New Template

- Click on Networks Icon
- Select New Network Template
- Choose Ethernet or WiFi template
- Choose DHCP or Static
- Create Template

*Note: If using a guest WiFi network with no passphrase, it can be left blank. SSID field is always required. If you register the WiFi MAC address to bypass authentication / captive portals, passphrase field can be left blank.*

## Ethernet Template

Network Name	
<input type="text" value="Descriptive name for your network ..."/>	
<input type="checkbox"/> DHCP <input checked="" type="checkbox"/> Static	
IP Address:	Assigned during setup
Subnet Mask:	<input type="text"/>
Router/Gateway:	<input type="text"/>
DNS:	<input type="text"/>

## WiFi Template

Network Name	
<input type="text" value="Descriptive name for your network ..."/>	
SSID	
<input type="text" value="WiFi network SSID ..."/>	
Passphrase	
<input type="text" value="WiFi passphrase (leave blank if open) ..."/>	
<input type="checkbox"/> DHCP <input checked="" type="checkbox"/> Static	
IP Address:	Assigned during setup
Subnet Mask:	<input type="text"/>
Router/Gateway:	<input type="text"/>
DNS:	<input type="text"/>

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# DPU Identification

# 03


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## Sensor Setup

Hang up units and write down which serial number on the back of the unit is above which door. Standing beneath the unit, click the SETUP icon on the bottom toolbar. Then click continue.

Select the appropriate Serial Number of the Density Unit you are looking to set up. Click on the serial number to continue.

**Unit:** **K8314S5A009W**

 Matt's Door

**Setup this unit!**

---


# Doorway Selection


# 04

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## Select a Doorway

Filter and search for the doorway name listed in below chart. Doorway names will be pre-populated and provided to you before setting up. Select Doorway once you find it.

 Filter Doorways

 **Example Doorway**

Unit: K8263S5A041W

# Network Selection

# 05

## Select a Network

Apply the network template that you set up previously or create a new template in which you would like this specific DPU to live on.

<b>Good Network</b>	Ethernet
IP Address:	Assigned during setup
Subnet Mask:	255.255.255.0
Router/Gateway:	182.168.1.1
Nameservers:	8.8.8.8

# Setup Summary

# 06

## Review Summary

Click Finish Setup. This will send the networking information and doorway name to the serial number you selected.

Once you click Finish Setup, wait for a pop up that tells you the process is underway.

## Success Example:

### Setup kicked off!

Nice work. Feel free to move on to scanning and setting up more units.

## Error Example:

### Couldn't find that SSID!

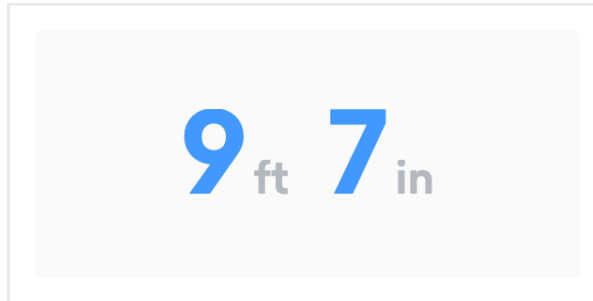
You have entered an incorrect network name. Please ensure that you've spelled the network name correctly.

## INITIAL SETUP OPTIONS:

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### Configure Height

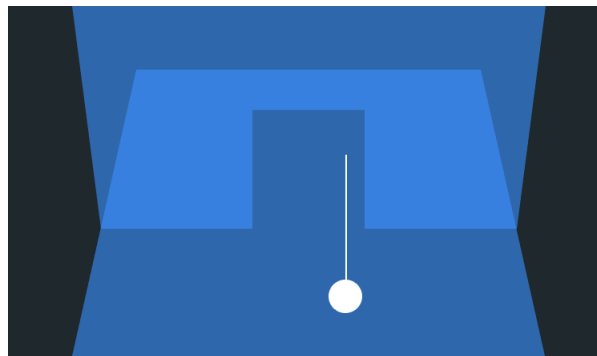
- Stand 10 ft away from the unit and ensure there's nothing below it before measuring.
- Time duration: 10 seconds



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### Depth Validation

- Improve accuracy through data collection.
- Time duration: 2 minutes



## TROUBLESHOOTING OPTIONS:

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### Validate

- This screen will allow you to see what parts of the setup are failing from internet access all the way to the hardware itself.
- Time duration: 10 seconds

### Sensor Connected

Pass

The unit should have access to the depth sensor.

---

### Advanced Diagnostics

- Check MAC addresses, IP tables, etc.
- Time duration: 30 seconds

```
],  
"diagnostic-networkconfig" : {  
  "wlan0" : {  
    "IPv4" : {
```

---

### Network Disconnect

- Clear network settings and reboot.
- Time duration: 30 seconds