uahparking.web.app

TELEPARK

PARKING RESERVATION SYSTEM

HARDWARE SETUP GUIDE

THE UNIVERSITY OF
ALABAMA IN HUNTSVILLE

RASPBERRY PI

1. DOWNLOAD IMAGE FROM GITHUB

GitHub

Download the latest image from GitHub.
github.com/frillweeman/Telepark/releases

2. FLASH IMAGE TO MICROSD CARD

balenaEtcher

Flash image to a microSD card using software such as **balena Etcher** or **dd**.

3. EDIT TELEPARK.CONF

While the microSD card is still plugged into the computer used to flash it, use a text editor to edit **telepark.conf** in the **boot** partition.

```
1 #/boot/telepark.conf
2
3 PLAYER_ID=2R
```

Edit line 3 to set PLAYER_ID to the correct player id. To see a map of spaces, see
github.com/frillweeman/Telepark/tree/master/signage-player#map-of-space-ids

4. RESTART DEVICE

Restart the Raspberry Pi, making sure it is in range of campus Wi-Fi.
It is now set up. Verify by publishing a reservation to it through Telepark.

BrightSign®

1. CREATE BRIGHTAUTHOR PRESENTATION

BrightAuthor

Orientation: **portrait, bottom on left**
Device: **HD222**

2. SET CONTENT

Add an HTML5 content block. Use the following info for the site:

URL: **https://telepark-3df33.firebaseapp.com**
Query String: **?id=5R** (substitute player id for 5R)

3. SAVE AND PUBLISH

Pushlish the presentation to the BrightSign player in the Publish tab of BrightAuthor.
It is now set up. Verify by publishing a reservation to it through Telepark.