Magic Mirror/Smart Mirror Setup Guide©

Updated 8/3/20
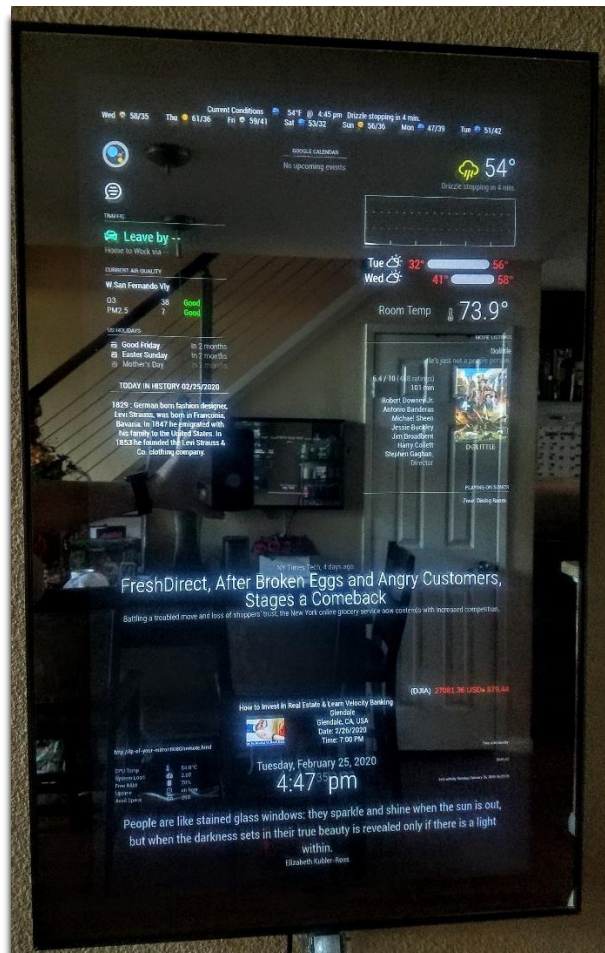
Table of Contents

Getting Started – Connecting to Wifi <mark>(<1 Minute):</mark>

- Using the included Bluetooth keyboard and mouse, select "Ctrl" & "m" to minimize the Magic Mirror window (currently being displayed in the background)

- In the upper right of the toolbar, select your WIFI connection **and enter your WIFI password**

If some modules are not loading or you have a blank display, wait roughly 5 minutes and then select "Ctrl" & "q" from your keyboard and the Magic Mirror display will automatically restart/reload.

Pi Credentials (for VNC and SSH)
User: pi
Password: mirror

SPECIAL NOTES

- **Attach the motion sensor to the top of the frame (with included velcro adhesive). Please also note the location of the microphone on top of the monitor motion sensor.**
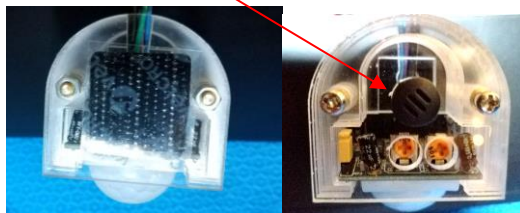
(OPTIONAL) HDMI switch for Fire TV
- <mark>**The button on the remote labeled "1" will switch to the Smart Mirror and the button labeled "2" will switch to the Fire TV.**</mark> **The other buttons are not used.**
- **Optional HDMI repeater with Velcro (for FireTV HDMI switch)**

(OPTIONAL) Fire TV Setup <mark>(1 minute)</mark>
1. If the remote is not working, hold down the Select button for 5 seconds to put the **remote** into pair mode. Then power the Fire TV on and off and then select the home key to begin setup.
2. **Please note:** You can pair your Fire TV with your own Bluetooth speaker (in the Fire TV settings menu). If you do not have a Bluetooth speaker or did not purchase the optional Bose soundbar, the Fire TV sound will come from a separate speaker on the back of your smart mirror. The sound control for the Fire TV is a <u>tiny</u> dial on located on the side of the frame.

PLEASE READ THIS BEFORE CONTINUING

Modules and API Keys

Not all modules in this setup guide require an API key and not all modules are required for setup. **Click the on-screen setup link in the MagicMirror to get started.**

- What's a module? Modules are very similar to live widgets that you would install on your smartphone (i.e. live weather, calendar, news, etc).

- What's an API key and why do I need it? An API is an application interface that allows modules to 'talk' to servers of the application creator. These keys prevent overuse of the API, which could slow down servers and also helps to prevent any malicious use. The key also connect your account (i.e Spotify, Google, etc.) with a module.

Every API key in this setup guide is free to use, secure, and private. The signup and steps for each API key vary for each module, so please carefully follow this step-by-step guide. If you have any questions or if you would like assistance, please contact us at electrotherapydesigns@gmail.com. Some API keys require a business name or phone number to setup and you can simply fill in a link such www.acme.com for a business and phone number 555-555-5555.

We realize that some setup steps in this guide can be challenging. Optionally and at your request, Electrotherapy Designs can remotely log into your Smart Mirror to help with setup or fix any issues. This remote assistance is a free service. Follow the instructions on and contact us at electrotherapydesigns@gmail.com if you would like to schedule a remote assistance session or if you have any questions.
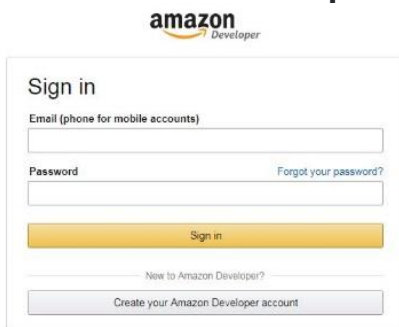
Let's get started!

🍓 🍓   🍓 **BEGIN SETUP** 🍓 🍓   🍓

(REQUIRED) Alexa Voice Assistant – (<5 minutes):

1. **Minimize the MagicMirror window (currently running in the background) by clicking on the background and selecting "Ctrl" & "m" (no caps) on the keyboard to minimize the MagicMirror window.**

2. **Click on the command prompt icon in the desktop toolbar (upper left of desktop)**
   Enter or copy and paste the following in the command prompt window:
   - Enter: cd /opt/AlexaPi/src
   - Then enter: sudo python3 auth_web.py
   - Keep the command prompt window open for the next step.

3. **With command prompt window still open , select the "Ctrl" key and click this link to open a new browser window: http://localhost:5050**
   a. **You will then be prompted to enter your Amazon credentials.**

   amazon
   Developer

   Sign in

   Email (phone for mobile accounts)

   Password   Forgot your password?

   Sign in

   New to Amazon Developer?

   Create your Amazon Developer account

   b. **After entering your credentials, you should see a browser screen that reads "Success!". Close the browser window.**

4. **From the Raspberry Pi desktop toolbar, click on the "foot" icon (upper left) and click "Shutdown" and then "Reboot". Once the MagicMirror boots back up, click on the setup link in the MagicMirror window and follow step #1 above to return to this setup guide.**

5. **You will hear Alexa say "Hello" and you will now be able to talk to Alexa using the wake word "smart mirror".**

(OPTIONAL) Install the Amazon Alexa App (<5 Minutes)

- To install the **Amazon Alexa** app on your smart phone. This will allow you to add events to your Google calendar in your Magic Mirror simply by saying "**Smart Mirror, add event to calendar**" or "**Smart Mirror, set a reminder**."

- Open **Amazon Alexa** from your smart phone and under "**Home",** select the three bars in the upper left of the screen , then select "**Settings**" at the bottom of the menu.

- Scroll down until you see "**Calendar & Email**". Then select "**Add Account**" to add your Google Calendar account (you can add more than one calendar) and select "**Connect Account**" and sign into your Google account.

# (OPTIONAL – but recommended) Alexa Flash Briefings (10 minutes)

Flash briefings are short, informative pieces of prerecorded audio that are updated daily. It's kind of like a set of brief (2-5 minute) podcasts or radio shows that are curated by you. Each Alexa flash briefing can last up to ten minutes and are usually pushed out on a daily or weekly basis. You can also get short-form lifestyle content like a daily horoscope or word-of-the-day, local or national news, receive professional advice or daily tips. Think of flash briefings as a cross between podcasts and Alexa skills. They're not as interactive as skills, but allow you to receive all the news you care about most.

Setup

- From your smart phone install and open your **Amazon Alexa** app and then select the three bars in the upper left of the screen, then select "**Settings**" at the bottom of the menu.

- Scroll down until you see "**Flash Briefing**" and select it.

- Click on "**Add content**". From there, there will be hundreds of different sources listed, including horoscopes, local and national news, and professional advice. You can also use the search (at the top of the screen) to locate specific sources/services.

- Simply click on a service you want and click the "Enable to use" button. You will now see the service in your "Flash Briefing" services. Please note that the order you see in your Flash Briefing services is the order they will play once you say "**Smart Mirror, what's up?"**

- To change the order of your Flash briefings, simply click on "Edit" (upper right) and drag and drop each service to your desired order by selecting the "**=**" to the right of each service.

- To listen to your flash briefings, simply say "**Smart Mirror, what's up?"** or " **Smart Mirror, What's my Flash Briefing**?" or "**Smart Mirror, What's the news**?"

You can have as many or as few flash briefings as you prefer (example below):
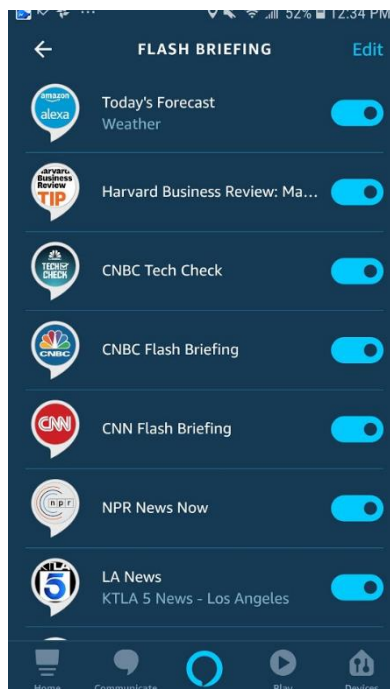
▶ YouTube **(OPTIONAL) Cast YouTube Videos From Your SmartPhone <mark>(<1 minute)</mark>** – *Cast YouTube videos, pictures, or other videos from your smartphone to your smart mirror!*

- Select a YouTube video from your Apple or Android smartphone and select the cast button/icon in your YouTube app 📺 (upper right). You will see your Smart Mirror under "[yourname]Pi4". Select it and your YouTube video will cast to your Smart Mirror.

Spotify **(OPTIONAL) Play Spotify On Your Smart Mirror from PC or SmartPhone <mark>(<1 minute)</mark>**

- Select the Spotify app from your Apple or Android smartphone and select "devices" in your Spotify app (bottom left). You will see your Smart Mirror under "[yourname]Pi". Select it and your Spotify music will begin playing on your Smart Mirror.

(OPTIONAL) Adjusting the Wakeword Sensitivity- "Smart Mirror" <mark>(<1 Minute)</mark>
If you are getting too many wakeword false positives or if your Smart Mirror is having trouble waking up with the "Smart Mirror" wakeword, simply adjust the microphone input:

1. Select "Ctrl" & "m" on your keyboard to minimize the Magic Mirror window

2. From your command prompt 🖥 (in the upper left of the toolbar in the desktop), Enter or paste: alsamixer -c 1
 3. Right arrow so "Mic" is selected and use the up/down arrow keys to change mic sensitivity
 4. After you have selected your preferred mic level, enter the "Esc" key
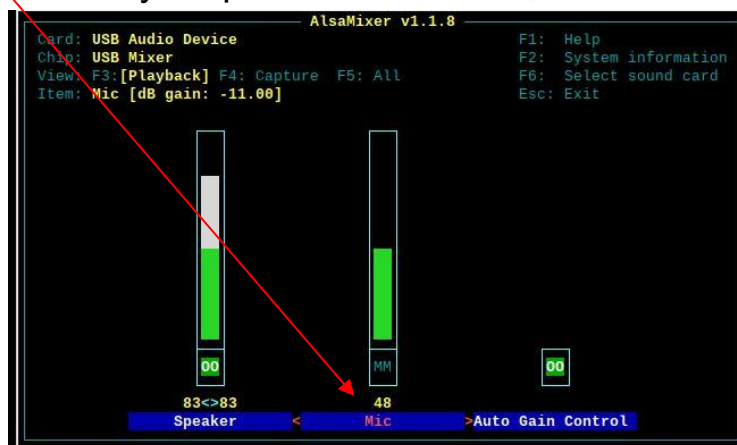
(REQUIRED) SETTING UP THE CONFIGURATION FILE (config.js)

In the config.js file you can add or remove modules or adjust any modules that appear on the MagicMirror screen (detailed links below). This is also where you will add the API keys outlined in the next sections.

If you would like to learn how to set up your own modules or make adjustments to the screen layout, visit the how to setup modules instructions for beginners *(don't forget to scroll down the page of each module to verify if there are any "npm install" dependencies)*:

https://forum.magicmirror.builders/topic/4231/how-to-add-modules-for-absolute-beginners

- **The cofig.js file is located here:**
- **/home/pi/MagicMirror/config**
- **Open "config.js"**

The full list of available modules can be located by clicking here:
https://github.com/MichMich/MagicMirror/wiki/3rd-Party-Modules#3rd-party-modules

Not all modules require an API key and not all modules are required for setup. For modules that do require an API key, some API keys require entry of a business name or phone number and you can simply fill in a link such www.acme.com for a business and phone number, such as 555-555-5555.

(OPTIONAL) Google Assistant - Home Mini Add-On Setup (<5 Minutes)

- Download and run the Google Home 🏠 app from your smartphone or tablet and select "Set up 1 device" and follow the onscreen instructions.
- The wakeword for Google Assistant is "**Hey Google**" or "**OK Google**"

(OPTIONAL) Google Chromecast Add-On Setup (<5 Minutes)

If you have the optional Google Chromecast installed, simply open your Google Home app in your smartphone 🏠 and select "Set up 1 device" and follow the onscreen instructions.

Home

Set up 1 device ✕   Invite home member

▶ Media   🔆 Routines   ⚙ Settings

Dining Room
3 devices
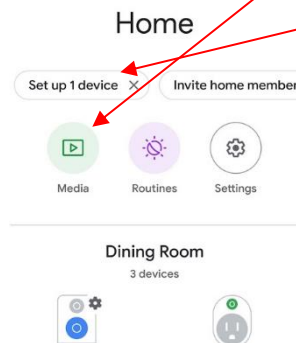
(OPTIONAL) Weather forecast API (MMM-BMW-CC) (<5 Minutes)

Displays your local weather forecast

	Current Conditions ☁ 47°F	Feels like 47°F	Wind @ 12mph	Humidity @ 94%		
Sun 🌧 50/45	Mon 🌧 53/42	Tue 🌧 64/42	Wed 🌧 58/48	Thu 🌧 68/49	Fri 🌧 57/49	Sat 🌧 67/52

- Requires a free API Key
- Follow the instructions below to obtain your free API key.
- While holding down the "Ctrl" key, click this link: https://www.climacell.co/weather-api/pricing/

1. Sign up for a free account 2. Fill out your info (use any company name and title)

3. Check for an email from Climacell and click "Verify Email)

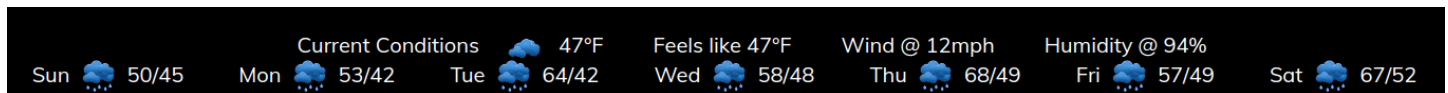4. After clicking "Verify Email", you will need to sign into your new account. 5. Copy your key for the next step.

6. Open the **config.js** file – click on the file cabinet icon at the top left of the desktop screen navigate to "**/home/pi/MagicMirror/config**" and double click the "config.js" file.

7. Once opened, scroll down in the **config.js** file until you find the **MMM-BMW-CC** and **MMM-Climacell-Hourly** modules. If you do not wish to use this module, simply change "disabled: false" to "disabled: true". Paste your keys here, in between the quotes (use the same key for both).

```
disabled: false,
module: "MMM-BMW-CC",
position: "top_bar", // designed for bottom_bar(best) thirds should be good too
config: {
        apiKey: "INSERT KEY HERE"

  disabled: false,
  module: "MMM-Climacell-Hourly",
  position: "bottom_bar", // designed for bottom_bar(best) thirds should be good too
  config: {
    apiKey: "INSERT KEY HERE",
```
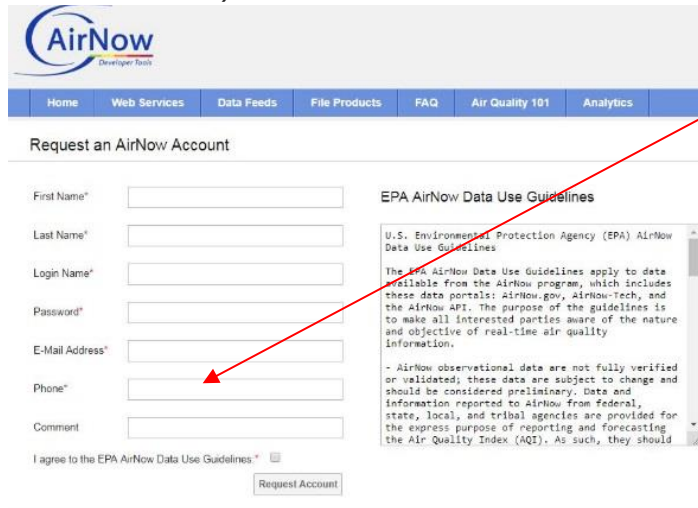
8. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.

(OPTIONAL) Air quality (MMM-AirNow)   <mark>(<5 Minutes)</mark>
Displays the air quality in your area

1. Click on the following link to sign up: https://docs.airnowapi.org/account/request/
2. Create an account. You can include any name and phone number (i.e. 4444444444)

3. After you request an AirNow account, you will receive your confirmation (API) code in your email.

4. Open your email to and locate the email from Airnow. Your key is the confirmation code. Copy this code for the next step.
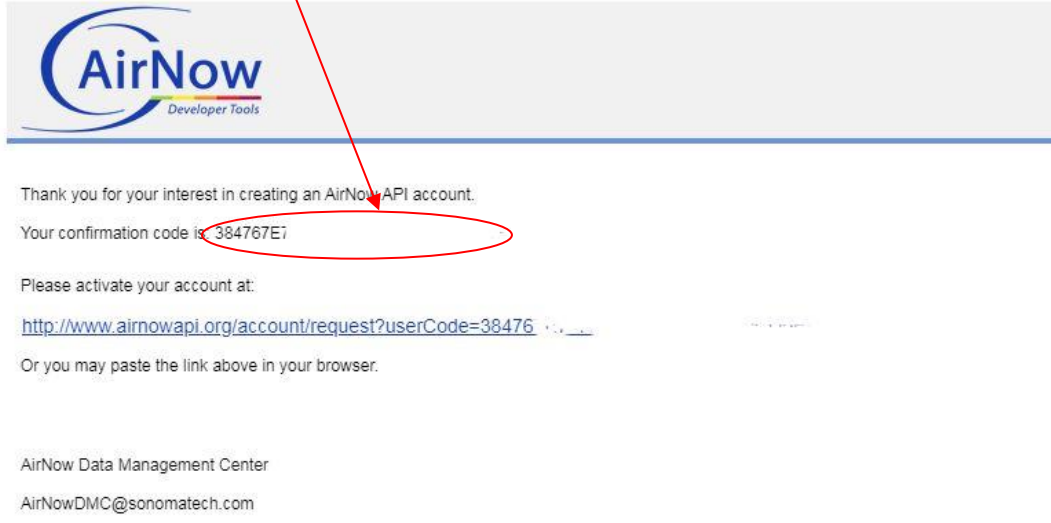
5. Click on the file cabinet icon at the top left of the desktop screen navigate to "**/home/pi/MagicMirror/config**" and double click the "config.js" file.

6. Once opened, scroll down in the **config.js** file until you find the **MMM-AirNow** module. If you do not wish to use this module, simply change "disabled: false" to "disabled: true". Paste your key here, in between the quotes.

disabled: false,
   module: 'MMM-AirNow',
   position: 'top_left',
   header: 'Current Air Quality',
   config: {
        api_key: 'INSERT KEY',
         zip_code: '15143'

7. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.
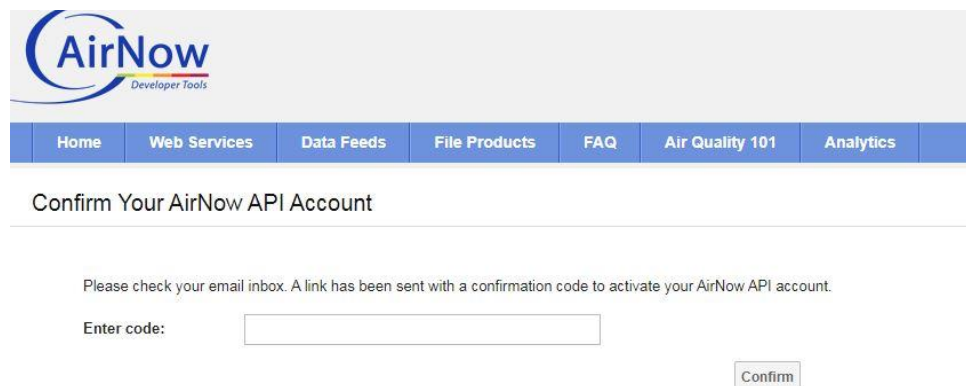
(OPTIONAL) AVS Stock Quote API Key (MMM-AVStock) <mark>(<5 Minutes)</mark>
 Displays your stock quotes in the center or your smart mirror! <mark>(Replaces MMM-iFrame and MMM-CalendarExt2</mark>)

- Get your key here: https://www.alphavantage.co/support/#api-key
1. Fill out the form   2. Click "GET FREE API KEY" 3. Your free key will appear here

Claim your API Key

Claim your free API key with lifetime access. We highly recommend that you use a legitimate email address - this is the primary way we will contact you for feature announcements and tro

Which of the following best describes you?

Investor

Organization (e.g. company, university, etc.):

Email:

I'm not a robot
reCAPTCHA
Privacy - Terms

GET FREE API KEY

Symbol	Cur.Price	Prev.Close	CHG	CHG%	Volume
LTC-USD	62.06	60.52	▲ 1.54	▲ 2.54%	1,449,387,694
SPY	302.51	312.86	▼ -10.35	▼ -3.31%	184,220,998
VTSAX	77.25	74.25	▲ 3.00	▲ 4.04%	0
TSLA	724.54	749.50	▼ -24.96	▼ -3.33%	10,786,638
LYFT	---	---	---	---	---
SONO	10.55	11.34	▼ -0.79	▼ -6.97%	3,076,086
PTON	27.10	27.25	▼ -0.15	▼ -0.55%	5,460,102
SDC	8.25	8.19	▲ 0.06	▲ 0.73%	9,271,846
BYND	---	---	---	---	---
DJIA	26121.28	27090.86	▼ -969.58	▼ -3.58%	477,366,307

Last updated: 05-03 14:24

Welcome to Alpha Vantage! Your dedicated access key is: K9SLHRI957 . Please record this API key for future access to Alpha Vantage.

4. Copy your key and open the **config.js** file. Scroll down in the **config.js** file until you find the **MMM-AVStock** module. Change "disabled: true" to "disabled: false". Paste your key here, in between the quotes. Change the stock tickers to those you want to follow.
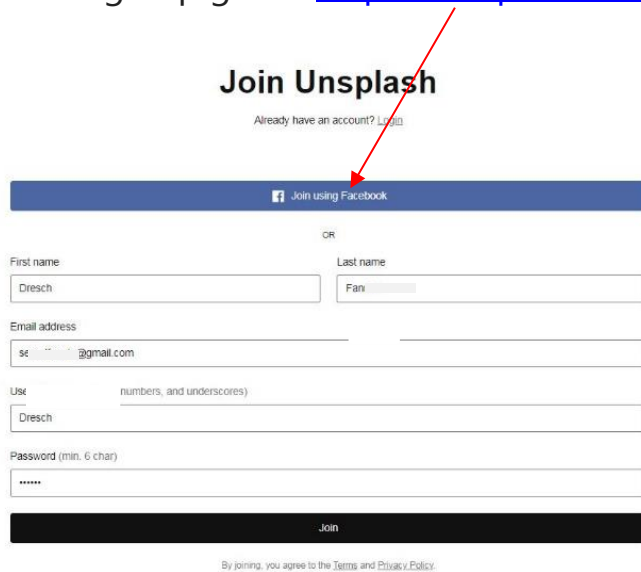
<mark>disabled: true,</mark>
  module: "<mark>MMM-AVStock</mark>",
  position: "middle_center",
  config: {
    apiKey : "<mark>INSERT KEY</mark> ", //See Page 12 of Initial Setup Instructions "AVS STOCK" OR GO TO
https://www.alphavantage.co/support/#api-key to sign up
    decimals: 2,
    symbols : ["<mark>LTC-USD", "SPY", "VTSAX", "TSLA", "PTON", "BYND"</mark>],

5. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.

(OPTIONAL) Unsplash Background Image (MMM-Unsplash) <mark>(<10 Minutes)</mark>
Rotate high-quality background images from an unlimited number of categories and collections

1. To sign up go to: https://unsplash.com/join
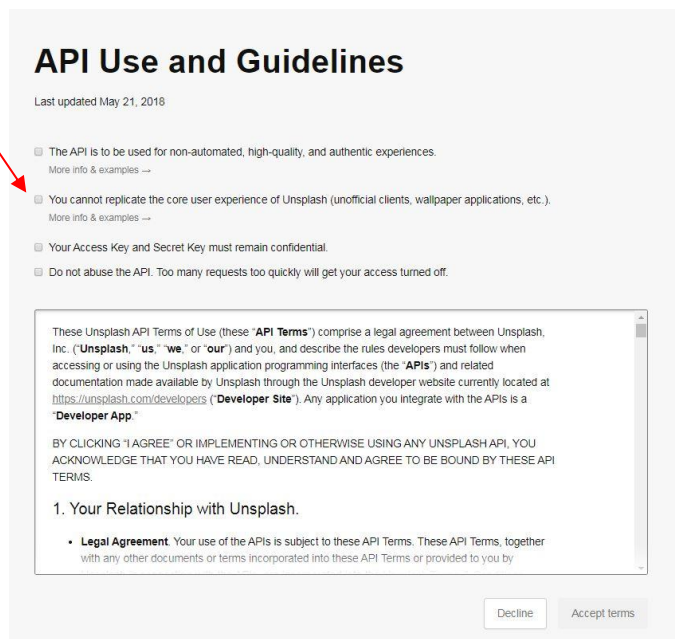
2. After signing up, click this link to go to: https://unsplash.com/oauth/applications

3. Select "New Application" and accept all terms

4. Indicate any application name and description you want and select "Create Application"

6. After creating the application, your Access key will be located about halfway down the page.

7. Copy your key and open the **config.js** file(**/home/pi/MagicMirror/config**). Scroll down in the **config.js** file until you find the **MMM-Unsplash** module. Paste your key here, in between the quotes. Include your favorite collections from Unsplash to use as background images. To learn how to create your own collections of the images, visit https://help.unsplash.com/en/articles/2534416-create-a-collection. Collection ID's are sets of 7-digit numbers that identify each collection (i.e. 'maui', 'shopping', etc) and appear in the Chrome address bar after searching and clicking on a collection (i.e. https://unsplash.com/collections/8998537/maui).

disabled: false,
 module: 'MMM-Unsplash',
 position: 'fullscreen_below',
 config: {
        opacity: .4,//This changes the opacity of the background image from "0"=Dark/No Image to ".9"-Full Image Brightness
        width: 1500,
        height: 2500,
        orientation: 'portrait',
        updateInterval: 120, //rotates image every 2-minutes
        collections: '8041221,1871195,1550989,4600943,6810006,4354938,2373141,**8998537**', //
        apiKey: 'Insert_Access_Key' // See Page 11 of Initial Setup Instructions "Unsplash"
        }

8. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.
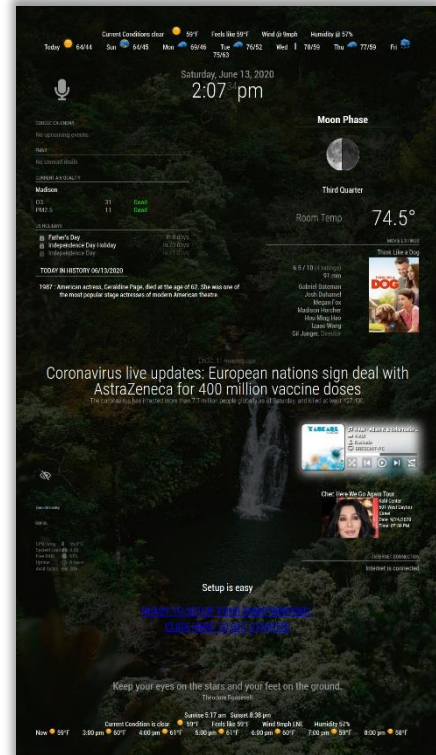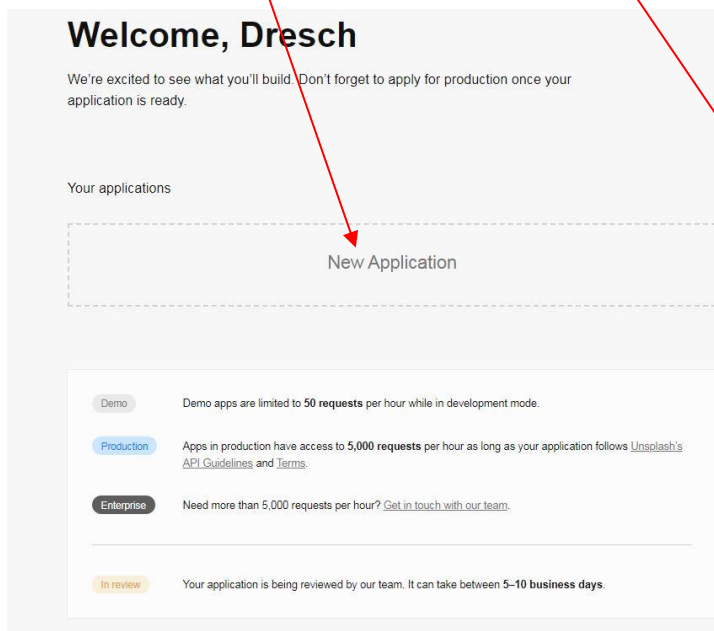
(OPTIONAL) Google Calendar Setup (<5 Minutes)

See upcoming events in your Google calendar

1. Click this link and sign in to your Google account: https://calendar.google.com

2. On the left side, <u>mouse over</u> the three dots next to your name and left click your mouse to open the options menu and select **"settings and sharing"**

My calendars ^
☑ Sear ⎯⎯'n ⋮ Options for Sean
☑ Contacts
☑ Reminders
☑ Tasks
Other calendars + ^
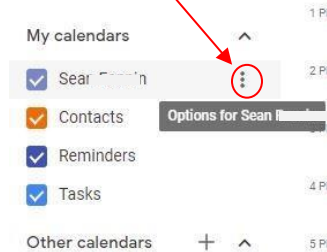
3. In the settings menu, scroll down to the bottom of the page until you see "**Secret address in iCal format**". Select the address and right click your mouse and select "Copy".

Secret address in iCal format
https://calendar.google.com/calendar/ical/sd   %40hotmail.com/private-66a5caf7c5f1238l

4. In the **config.js** file (**/home/pi/MagicMirror/config**)**,** scroll down to the module named "calendar" (example below) or enter "Ctrl" & "f" from your keyboard and enter "calendar" to find the module.

5. Once you've located the **Google Calendar** module, copy and paste your private calendar address from step #3 above in the highlighted section below. If you do not wish to use this module, change "disabled: false" to "disabled: true":

```
        disabled: false,
        module: "calendar",
        header: "Google Calendar",
        position: 'top_center',
    config: {
                timeFormat: 'absolute',
                showEnd: false,
                urgency: 2,
                dateFormat: 'MMM Do',
                fullDayEventDateFormat: 'MMM Do',
                getRelative: 48,
                maximumEntries: 3,
                maximumNumberOfDays: 7,
                calendars: [
                {
                symbol: 'calendar-check-o',
                url: 'INSERT SECRET ICAL ADDRESS'
                },
```

6. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror display window in order for the changes to take effect.

(OPTIONAL) Display E-Mail Alerts (MMM-Mail) (<5 Minutes)
Get email alerts displayed on your smart mirror
1. Select "Ctrl" + "m" on your keyboard

2. From the desktop, navigate to "/home/pi/MagicMirror/config" (using the file cabinet icon at the top left of the PI's desktop screen) and select the "config.js" file. Then scroll down and locate the "**MMM-Mail**" module in the file and change the parameters highlighted below. If you do not wish to use this module, change "disabled: false" to disabled: true" (example below). You will need to locate your port number from your email settings.

```
{
    disabled: false,
    module: 'MMM-Mail',
        position: 'top_right',
        header: 'Email',
        config:{
            user: 'johndoe@gmail.com',//Enter your email address
            pass: 'xxx',//Enter your password
            host: 'imap.gmail.com',//Enter host information
            port: 993,//Enter port number
            numberOfEmails: 5, //Number of emails to display
            fade: true,
        subjectlength: 50
```

3. Then click "File" and "Save" to save the config.js file – open the Magic Mirror display and then select "Ctrl" & "q" on the keyboard to restart/reload Magic Mirror.

(OPTIONAL) Display Live Video Feeds (MMM-iFrame) (<5 Minutes)
Displays any live/streaming video feed in the center or your smart mirror! (Replaces MMM-AVS stock ticker and MMM-CalendarExt2)
1. Select "Ctrl" + "m" on your keyboard
2. From the desktop, navigate to "/home/pi/MagicMirror/config" (using the file cabinet icon at the top left of the PI's desktop screen) and select the "config.js" file. Then scroll down and locate the "**MMM-iFrame**" module in the file and change the parameters highlighted below. To enable this module, change "disabled: true" to disabled: false" (example below). You can add as many streaming URLs as you like and they will rotate at any interval timing you set.

```
{
disabled: true,//***********CHANGE TO false TO SEE LIVE IMAGES OF DOWNTOWN CLAYTON*************
        module: 'MMM-iFrame',
        position: 'middle_center',          // This can be any of the regions.
        config: {
                // See 'Configuration options' for more information.
                    url:
["https://wwwcache.wral.com/asset/weather/2020/02/13/18951319/clayton_downtown-DMID1-5na0ylj0d-640x480.jpg"],  // as many URLs you want or you can just ["ENTER IN URL"] if single URL.
                    updateInterval: 5 * 60 * 1000, // update URL every 5 minutes
```

3. Then click "File" and "Save" to save the config.js file – open the Magic Mirror display and then select "Ctrl" & "q" on the keyboard to restart/reload Magic Mirror.

(OPTIONAL) Movie Listings API Key (MMM-MovieListings) (<10 Minutes)

Displays current movie listing ratings and descriptions

1. Sign up at https://themoviedb.org/account/signup

2. Check for and email from The Movie database and verify your account. Then you'll sign into your account.

3. Access the settings menu by clicking on your initial in the top menu
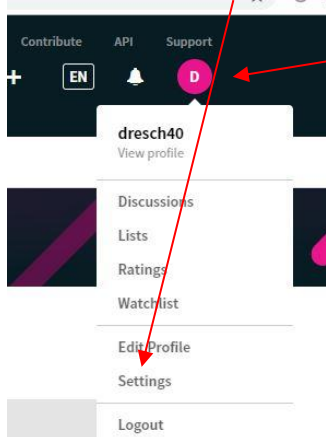
4. Click on API and then "click here"
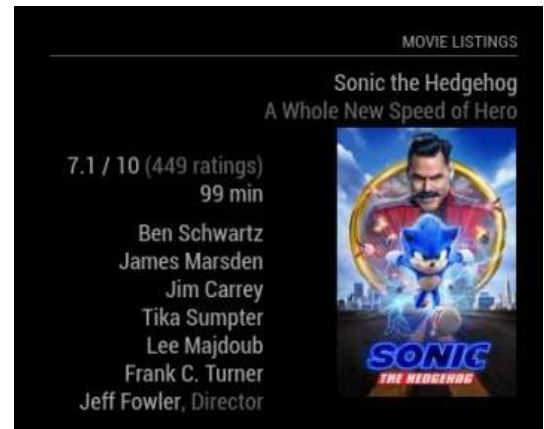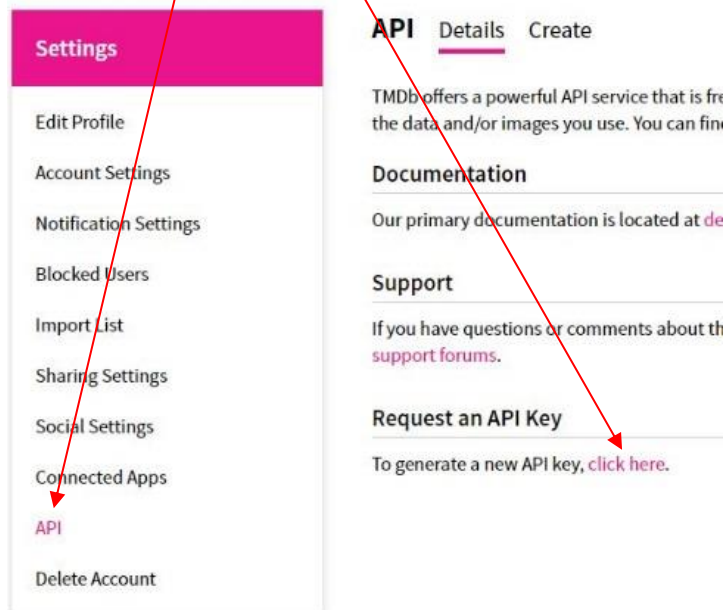
5. Click "Developer"

6. Accept the terms of use.

7. For "Type of Use" click "Personal". Use any application name, description, website address (i.e. www.acme1234.com) and any phone number (i.e. 5555555555). Fill out the rest and click "Submit"

8. Your API key will be located here.

9. Once you've copied your key, open the **config.js** file (**/home/pi/MagicMirror/config**). Scroll down in the **config.js** file until you find the **MMM-MovieListings** module. If you do not wish to use this module, change "disabled: false" to "disabled: true". Paste your key here.

```
{
 disabled: false,
 module: 'MMM-MovieListings',
 position: 'top_right',
        config: {
     apiKey: 'INSERT KEY',
```

10. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.

(OPTIONAL) Monthly Calendar (MMM-CalendarExt2) (<5 Minutes)
See your monthly calendar with holidays and appointments for the month in the center of your screen! (Replaces MMM-AVS stock ticker and MMM-iFrame)

Scroll down in the **config.js** file until you find the **MMM-CalendarExt2** module. Change "disabled: true" to "disabled: false". Insert your Google Calendar private ical address here (see page 15 in this guide to get the link).

```
{
  disabled: true, //***********CHANGE true TO false FOR MONTHLY CALENDAR
  module: 'MMM-CalendarExt2',
     …
        {
     name : "Schedule",
     //icon: "noto-soccer-ball",
     url: "INSERT_YOUR_PRIVATE_iCal Address", // See Page 15 of Setup Instructions - "Google Calendar Setup"
        },
```

(OPTIONAL) Events API (MMM-Events) – Eventful (<10 Minutes)

*- **Upcoming events in your city. Concerts, Performances, Comedy Shows, Sporting Events, Theatre, Exhibits, Art Galleries, Museums, Festivals, Food & Drink and many more.***

1. Goto: http://eventful.com/join?goto=http%3A%2F%2Fapi.eventful.com%2Fkeys#/

2. Sign up using your Facebook account by clicking the blue "SIGN UP WITH FACEBOOK" link at the top of the page

3. Click this link - "Request an application key"

4. Fill in the information to obtain an API key. You can enter any first/last name, phone number, company name, mailing address, and application website (i.e. www.acme.com). Then select "Request key"

Your API Key will be located here

5. Copy this key and open the **config.js** file (**/home/pi/MagicMirror/config**). Scroll down in the **config.js** file until you find the **MMM-Events** module. If you do not wish to use this module, change "disabled: false" to "disabled: true". Paste your key here. Choose from a wide variety of events-(**see complete list on next page**)

Happy Hour at Sac-a-Lait
Sac-a-lait
1051 Annunciation St
Date: 4/29/2020
Time: 5:30 PM

```
disabled: false,
 module: 'MMM-Events',
 position: 'bottom_right',
        config: {
        city: "Madison",       // Your City
        eventType: "sports_football,sports_hockey,food_beer,food_wine,music_rock,music_country",  //
        when: "Future",              // "All", "Future", "Past", "Today", "Last Week", "This Week", "Next week", and
months by name, e.g. "October"
        mode: "noFrame",             // "Frame" or "noFrame" (around picture)
        apikey: "INSERT KEY",
```
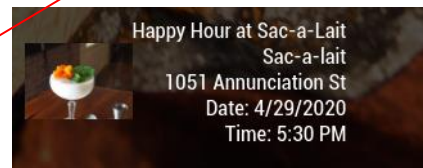
6. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.

Eventful – *Continued -* (MMM-Events) - Choose from many different events **(**in non-bold**):**

Concerts & Tour Dates
music
music_blues
music_classical
music_country
music_dance
music_easy_listening
music_electronic
music_folk
music_jazz
music_latin
music_newage
music_opera
music_rb
music_reggae
music_vocal
music_rap_hiphop
music_metal
music_religious
music_rock
music_pop
music_world
music_alternative
music_childrens

Performing Arts
performing_arts
performing_arts_cabaret
performing_arts_opera
performing_arts_dance
performing_arts_musical
performing_arts_ballet
performing_arts_comedy
performing_arts_theatre

Festivals
festivals_parades
festivals_parades_circus
festivals_parades_festival
festivals_parades_fairs
festivals_parades_parade

Sports
sports
sports_autoracing
sports_dance
sports_gymnastics
sports_iceskatingskiing
sports_softball
sports_swimmingdiving
sports_volleyball
sports_baseball Sports:
sports_basketball
sports_cricket
sports_football
sports_golf
sports_hockey
sports_rugby
sports_soccer
sports_tennis
sports_wrestling

Conferences & Tradeshows
conference
conference_career
conference_convention
conference_seminar
conference_talkslectures

Comedy
comedy

Education
learning_education
learning_education_classworkshop

Kids & Family
family_fun_kids

Film
movies_film
movies_film_filmfestival

Food & Drink
food
food_beer
food_wine
food_farmersmarket
food_tastings

Fundraising & Charity
fundraisers
fundraisers_blooddrive
fundraisers_volunteer

Art Galleries & Exhibits
art
art_antiques
art_painting
art_photography
art_artexhibits
art_artsandcrafts
art_fashion

Health & Wellness
support
support_fitness
support_seniorhealth
support_support
support_yoga

Holiday
holiday

Literary & Books
books
books_poetry

Museums & Attractions
attractions

Neighborhood
community
community_library
community_holiday
community_seasonal

Business & Networking
business

Nightlife & Singles
singles_social
singles_social_trivianight
singles_social_comedy
singles_social_bars
singles_social_dating
singles_social_karaoke
singles_social_openmic

University & Alumni
schools_alumni

Organizations & Meetups
clubs_associations

Outdoors & Recreation
outdoors_recreation
outdoors_recreation_cycling
outdoors_recreation_hiking
outdoors_recreation_nature
outdoors_recreation_running

Pets
animals
animals_cats
animals_dogs

Politics & Activism
politics_activism

Sales & Retail
sales
sales_auction
sales_craftshow
sales_fleamarket
sales_yardsale
sales_retail

Science
science

Religion & Spirituality
religion_spirituality

Technology
technology
technology_computer

(OPTIONAL) Spotify Module (MMM-Spotify) <mark>**(<10 Minutes)**</mark> **–**

See what Spotify song is playing your Smart Mirror

1. Sign up for a free Spotify developer account at:
https://developer.spotify.com/dashboard/login
  Sign up for a new account and use your Facebook or Spotify login credentials
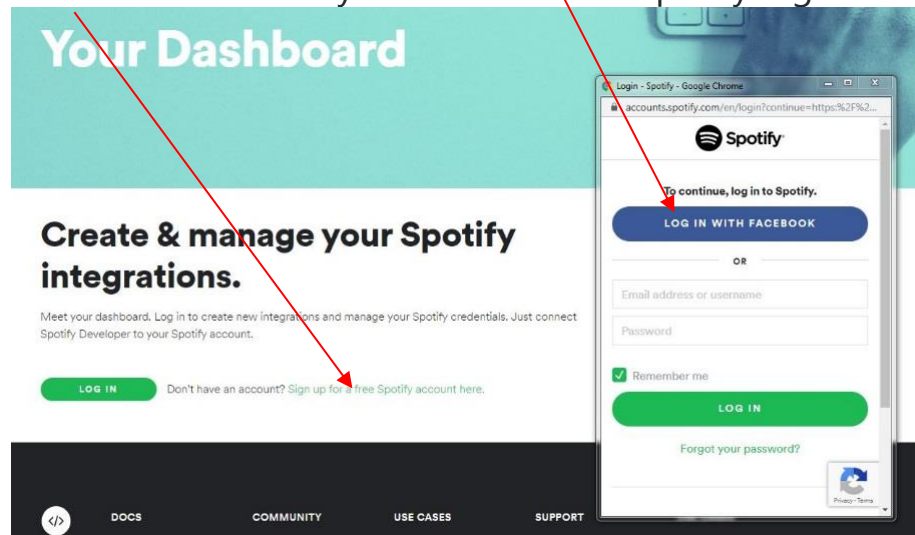
2. Click on "Create a Client ID" and include the app name such as "**Spotify Mirror**" and description "**Smart mirror Spotify integration**" click on "**Voice Other**" and click "**Next**"

- "Are you developing a commercial integration", click "**No**"

3. Agree to all conditions and click "**Submit**"

4. Click on the "**Edit Settings**" button in the upper right.

5. Under "**Redirect URIs**" and add the link below and then click "**Save**":
http://localhost:8888/callback

6. Copy and paste the **Client ID** and **Client Secret** into a file for the next step

7. From the file menu in the Pi desktop [icon], navigate to:
/home/pi/MagicMirror/modules/MMM-Spotify and open the file
"spotify.config.json".
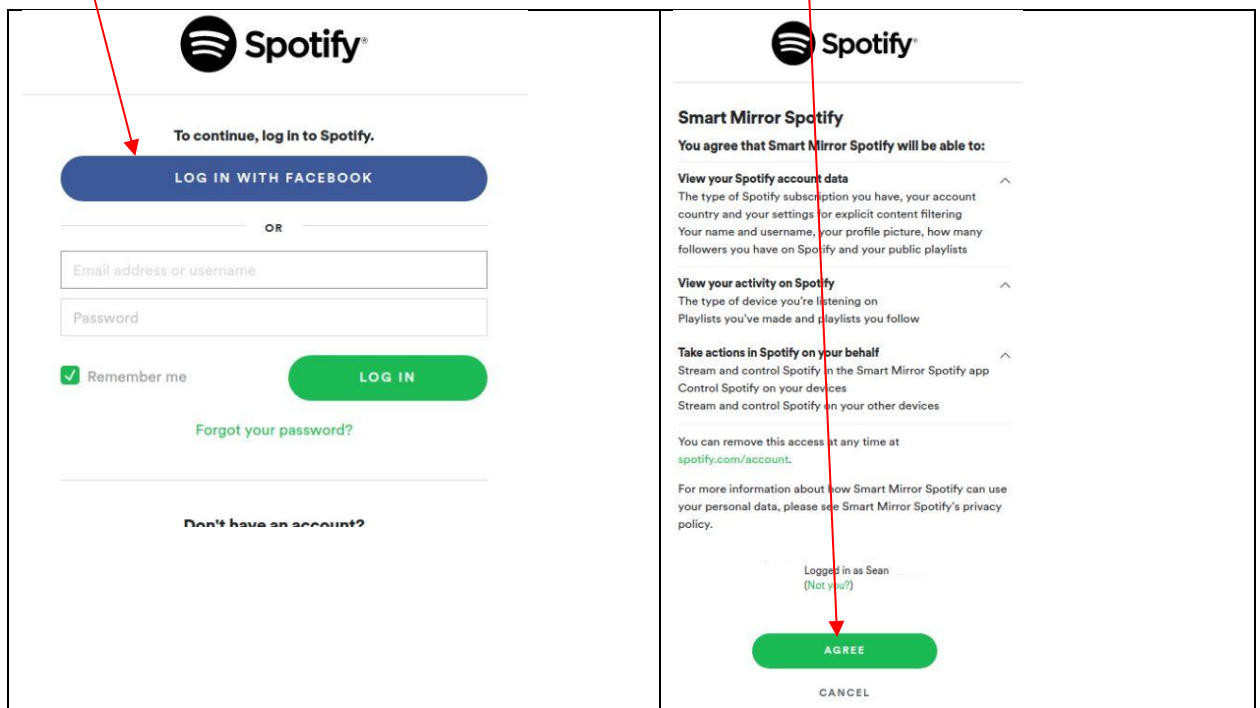
8. Paste your **Client ID** and **Client Secret**. Then, save the file.

```
{
  "CLIENT_ID" : "YOUR_CLIENT_ID",
  "CLIENT_SECRET" : "YOUR_CLIENT_SECRET",
  "AUTH_DOMAIN" : "http://localhost",
  "AUTH_PATH" : "/callback",
  "AUTH_PORT" : "8888",
  "SCOPE" : "user-read-private playlist-read-private streaming user-read-playback-state user-
modify-playback-state",
  "TOKEN" : "./token.json"
}
```

9 Authorize your app and receive a token: From the command prompt (in the <u>upper</u>
<u>left</u> of the toolbar in the Pi desktop [icon]),
enter: cd ~/MagicMirror/modules/MMM-Spotify
- then enter: node first_auth.js

10. You will then be automatically be taken to the Spotify website. Sign in again.

-Agree to the terms

11. If authorization is successful, you will see the message below. You can now close the chrome browser.

SONOS (**OPTIONAL) Playing Music From Your Connected Sonos Speaker (<1 minute)**

- To use your connected Sonos speaker with your smart mirror, open your Amazon Alexa app and ask Alexa to "Discover Devices" and it should automatically locate your Sonos speaker. If Alexa does not locate your Sonos speaker, select "Devices" on the bottom right of the home screen, then select the "+" in the top right of the screen, then select "Add device" and scroll down until you can select "Speaker" and "Sonos".
- You will see the song and album cover playing on your smart mirror display. You can also raise or lower the volume simply by saying "Smart Mirror" →"Raise volume" or "Lower volume" or "Mute" on "YOUR_ROOM".

(**OPTIONAL) SmartThings (MMM-Smartthings) (<5 minutes)**

Connects to the Samsung/Smartthings api to display your device status information.

1. Log into the developer site with your SmarThings or Samsung Account and generate a personal token by clicking here: https://account.smartthings.com/tokens
2. After logging in, click "Generate Token". Then select all boxes and click "Generate Token" at the bottom of the screen.

3. Open the **config.js** file (**/home/pi/MagicMirror/config**). Scroll down in the **config.js** file until you find the **MMM-Smartthings** module.
4. Copy and paste your token here and change "disabled: true" to "disabled: false"
5. Capabilities: A complete list can be found here: https://docs.smartthings.com/en/latest/capabilities-reference.html

```
{
disabled: true,
module: "MMM-Smartthings",
position: "top_left",
header: "Smartthings",
 config: {
  personalAccessToken: 'INSERT_YOUR_TOKEN',
  capabilities: [
  'contactSensor', //EXAMPLE ONLY
   'lock' //EXAMPLE ONLY
        ],
      }
   },
```
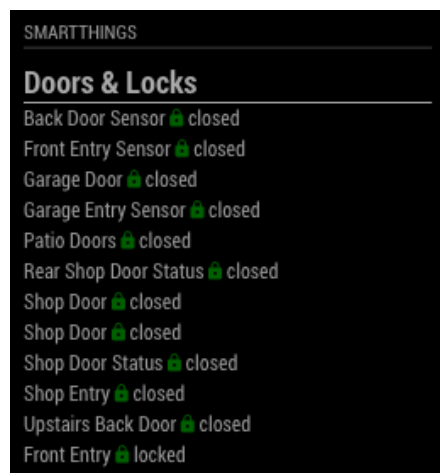

6. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the module will be displayed.

ring (OPTIONAL) Ring Camera (MMM-Ring) (<5 minutes)

Whenever someone presses the button on your Ring device, or when motion is detected, the Ring video stream will appear in the middle of your display for roughly 2 minutes. Whenever there is no video being displayed, nothing else is shown in its place.

1. From the command prompt 🖥 , enter: cd MagicMirror/modules/MMM-Ring/

2. Then paste or type in the following command: npx -p ring-client-api ring-auth-cli

3. After the program runs, enter the email address and password that you used to sign up for your Ring account.

4. Check your email for your 2fa code from Ring and enter the code here.

5. If everything is entered correctly, your will see this message.

6. Copy the entire "RefreshToken" – **IMPORTANT** - when copying, be sure to leave off the quotes on either end of the token

7. Open the **config.js** file (**/home/pi/MagicMirror/config)**.

8. Scroll down in the **config.js** file until you find the **MMM-Ring** module.

9. Paste your token here. **– IMPORTANT** - when pasting your token, be sure to paste inside the quotes with no extra spaces.
{
 disabled: false,
 module: "MMM-Ring",
 position: "middle_center",
 config: {
ring2faRefreshToken:"xxxxxxxxxxxxxxxxxxxxxxxxxxxxdSI6Ii9vYXV0aC9pbnRlcm5hbC9qd2tzIiwia2lkIjoiZGVmYXVsdCIsInR5cCI6IkpXVCJ9.eyJpYXQiOjE1OTU4NzI0OTksInJlZnJlc2hfY2lkIjoicmluZ19vZmZpY2lhbF9hbmRyb2lkIiwicmVmcmVzaF9zY29wZXMiOlsiY2xpZW50Il0sInJlZnJlc2hfdXNlcl9pZCI6MzUyOTEwNDMsInJuZCI6Ilxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",
  ringMinutesToStreamVideo: 1.5, //Minutes to stream video after motion or button trigger
  ringVideoWidth: 600, //in px - resize the streaming video window
  ringStreamMotion: true //trigger streaming video after motion (in addition to pushing the button)
 }
},

10. Save the config.js file by clicking on "File" and "Save" (upper left in menu). Once you save the config.js file, you will need to select "Ctrl" & "q" on the keyboard in the MagicMirror window in order for the changes to take effect and the Ring feed will be displayed on motion activation.

11. Verify that your token was added to your MMM-Ring module by going to folder /home/pi/MagicMirror/modules/MMM-Ring and open the ".env" file. If you see long string of characters and letters after "RING_2FA_REFRESH_TOKEN=" then your token was successfully added. If it is blank after the "RING_2FA_REFRESH_TOKEN=", then DELETE the ".env" file and start over at step 1 above until you can see the token in the ".env" file.

nest. (**OPTIONAL**) Nest Camera (<5 minutes)

Display live streaming video feed from your Nest camera.

1. Open the **config.js** file (**/home/pi/MagicMirror/config**). Scroll down in the **config.js** file until you find the **MMM-iFrame//For Nest** module.

2. Change "disabled: true" to "disabled: false"

3. After logging in to your Nest account find your live video feed unique code and paste it here.
```
{
    module: 'MMM-iFrame', //For Nest
    disabled: true,
    position: 'middle_center',
    header: '',
    config: {
      url: [
        'https://video.nest.com/embedded/live/INSERT_UNIQUE_VIDEOSTREAM_CODE'
      ],
      updateInterval: 600000,
      width: '850px',
      height: '475px'
    }
},
```

(iOS/Apple Users Only - OPTIONAL) Homebridge and Homekit Integration (<5 minutes)

With Homebridge you can connect almost any IoT or smart home device to Apple's Home app, regardless if it is Apple or Homekit compatible. What is Homekit? Homekit is Apple's smart home app that allows you to control and monitor all of your smart home and IoT devices from one device, such as an iPhone and there is no additional bridge or hub required.

1. From the Pi desktop click on the VNC icon
2. Your Pi IP address **here** ****PLEASE WRITE DOWN YOUR IP ADDRESS FOR NEXT STEP****
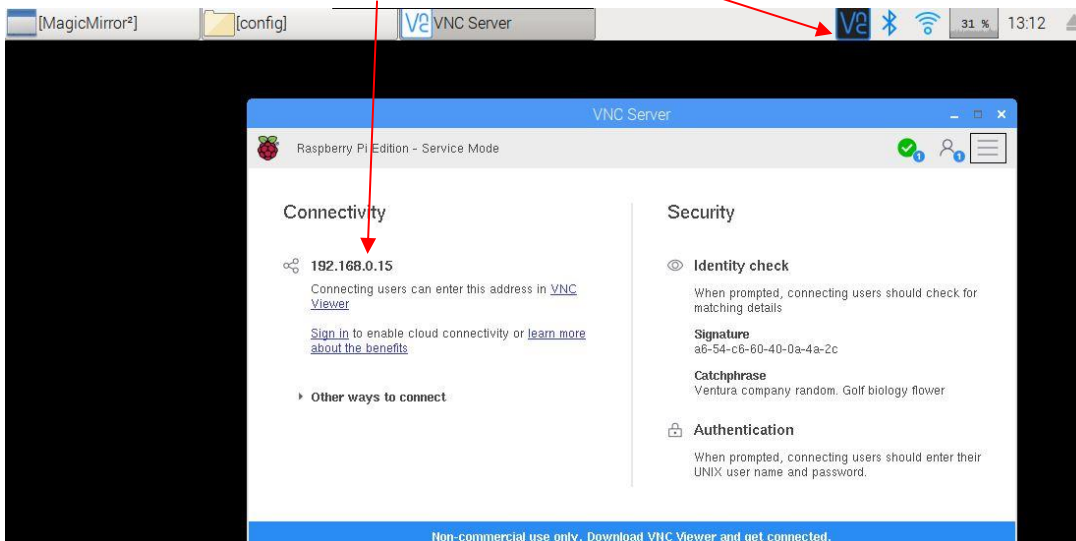
3. From your Pi's Chrome browser or Safari on your iPad or iPhone, in the address bar, enter: [YOUR_IP_ADDRESS FROM STEP 2 ABOVE:8581] – Example below
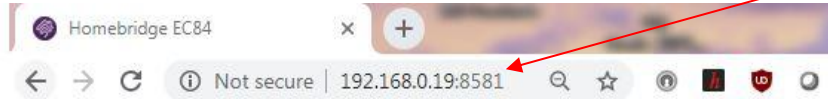
4. You will then see the Homebridge interface (example below). From your iOS, iPhone, or iPad device, select the "Home" 🏠 app and tap the "+" symbol and "Add Accessory"

5. Scan the onscreen QRI code. You should now see all of the Plugins loaded into your Home app.

6. Optionally, you can add new plugins by selecting "Plugins" by searching for your desired plugin
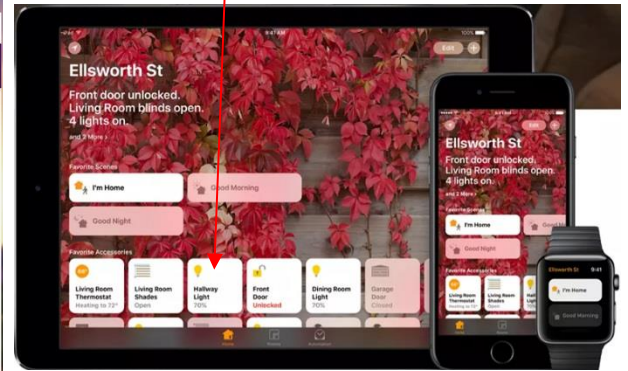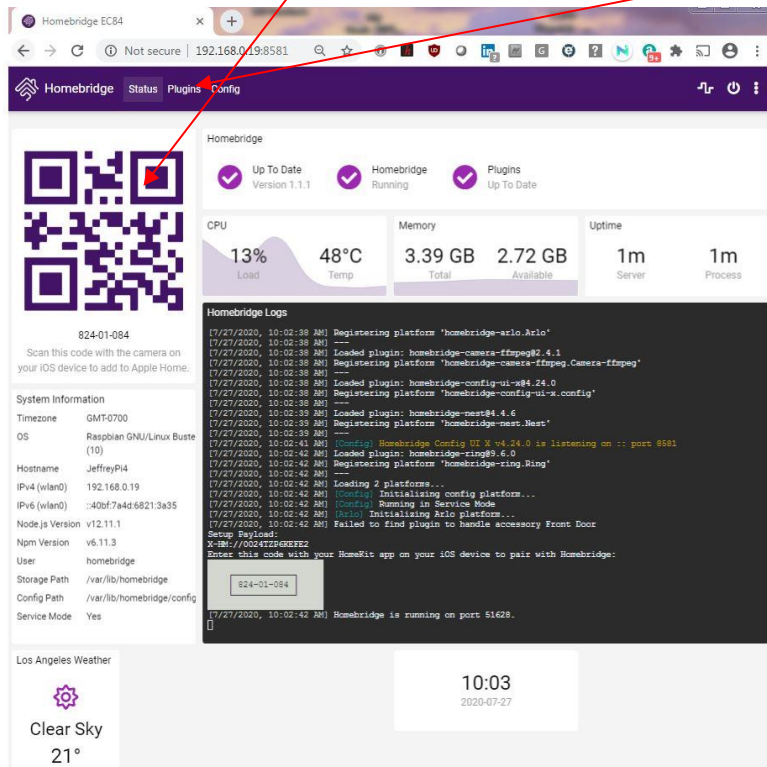
7. For more information about Homebridge, please visit: https://github.com/homebridge/homebridge

LAST STEP! DISABLE THE ON-SCREEN SETUP MESSAGE

Once you've finished setup, open the config.js file and change the following modules from 'disabled: false' to 'disabled: true'

```
{
 disabled: false,//***********CHANGE TO true ONCE SETUP IS COMPLETE******************
 module: "compliments",
 position: "bottom_bar",
 updateInterval: 3000,
 classes: "small",
  config: {
        anytime: [
"Your Smart Mirror, Your Way",
        "Setup is easy",
        "Click on the link below to get started"
                        ],
        }
},
{
  disabled: false,//***********CHANGE TO true ONCE SETUP IS COMPLETE******************
  module: "MMM-HTMLBox",
  position:"bottom_bar",
  config: {
   width: "100%",
   height: "200px",
   refresh_interval_sec: 0,
   content: "<a href=\"chromes://https://electrotherapydesigns.com/pages/smart-mirror-setup-1/\">READY TO SETUP
YOUR SMARTMIRROR? <BR>CLICK HERE TO GET STARTED!</a>",
   // content: "<iframe src=\"https://electrotherapydesigns.com/pages/smart-mirror-setup\"></iframe>",
   file: "", //When content is too long, you can use this for external file. relative path from `MMM-HTMLBox`
  }
},
```

🍓 🍓 🍓 **SETUP COMPLETE!** 🍓 🍓 🍓

HOW TO USE SCHEDULER MODULES

https://github.com/ianperrin/MMM-ModuleScheduler

The scheduler keeps the screen and modules refreshed and is set to reboot daily. To change the time of the reboot and restart, open the config folder in: /home/pi/MagicMirror/config and then open the "config.js" file and change the values highlighted below. Please note that 7am is '0 7….' and uses a 24-hour time period.

```
    {
   module: 'MMM-ModuleScheduler',
   config: {
     notification_schedule: [
       // TURN THE MONITOR/SCREEN OFF AT 12:30 AM EVERY DAY
       {notification: 'REMOTE_ACTION', schedule: '30 0 * * *', payload: {action: "MONITOROFF"}},
       // TURN THE MONITOR/SCREEN ON AT 7:00 EVERY DAY
       {notification: 'REMOTE_ACTION', schedule: '0 7 * * *', payload: {action: "MONITORON"}},
       // REBOOT THE RASPBERRY PI AT 6am EVERY DAY
       {notification: 'REMOTE_ACTION', schedule: '0 6 * * *', payload: {action: "REBOOT"}},
       // RESTART THE MAGICMIRROR PROCESS AT 6:05am EVERY DAY
       {notification: 'REMOTE_ACTION', schedule: '5 6 * * *', payload: {action: "RESTART"}}
     ]
   }
 },
```

Remote Support Through REALVNC (<10 Minutes)

VNC viewer will allow Electrotherapy Designs (with your permission) to remotely log into your Smart Mirror to help with setup or fix any issues.

3. From your **home computer**, not the Raspberry Pi, download VNC viewer:
   https://www.realvnc.com/en/connect/download/viewer/

4. Create account and sign up

5. Select the free "**Home**" subscription ***DO NOT SELECT A TRIAL SUBSCRIPTION*** and scroll all the way down to the bottom of the page and select "Sign up without making a contribution"

6. Open your email and open the "**Verify your email address**" email and click "**Verify Email**"

7. Click on "**People".** Then invite me to your group using my email address: **sdfannin@hotmail.com**
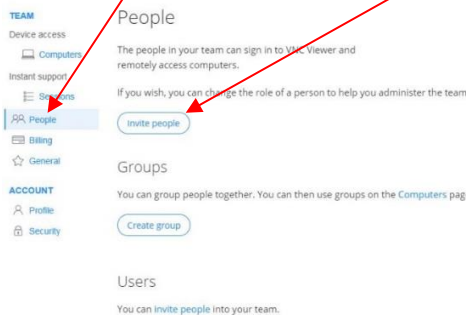
8. From your **Raspberry Pi**, select "Ctrl" + "m" on your keyboard to minimize the MagicMirror screen and access the Pi desktop

9. From the Pi desktop click on the VNC icon

10. Your Pi IP address **here** ****PLEASE WRITE DOWN YOUR IP ADDRESS FOR LAST STEP****

11. Click "Sign in" to enable cloud connectivity
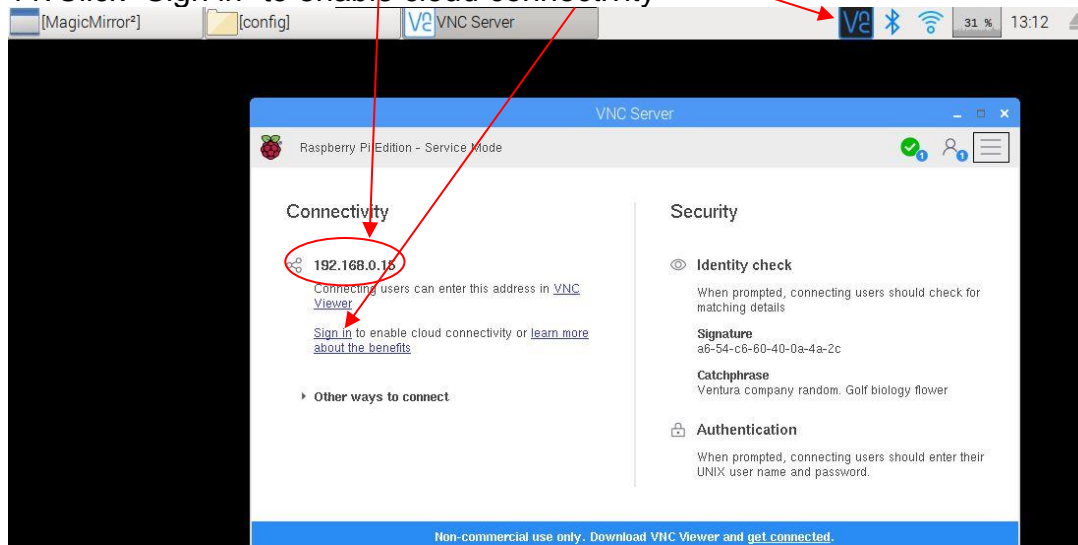
12. From your **Raspberry Pi**, sign in to the VNC account you just created and select the team indicated and then select "**Apply**" and then "**Done**"
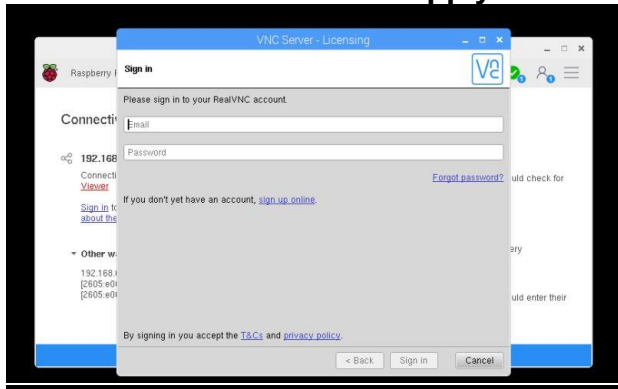
13. Select **"Direct and cloud connectivity"** then click **"Next"** → **"Apply"** → **"Close"** → **"Done"**
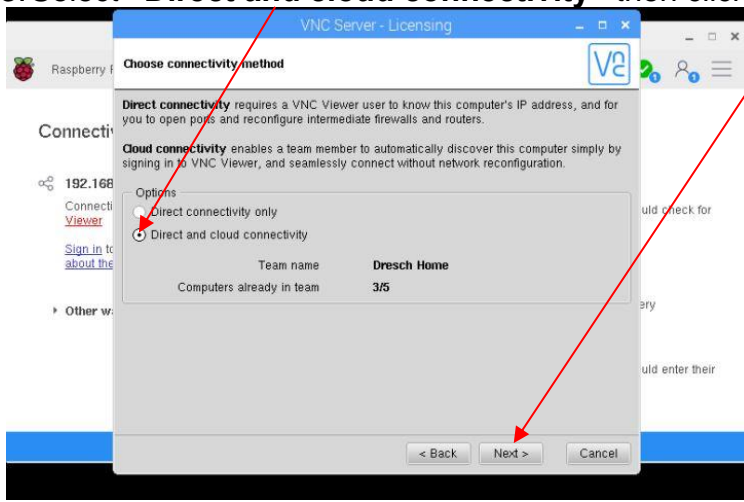
(OPTIONAL) Accessing the Remote Control Module for desktop PC and Smartphone <mark>(5 Min):</mark>

Remote Control allows for quick and easy access for restarts of your Magic Mirror from your Smartphone. It also has many other functions, such as turning on and off modules from your smartphone. Remote Control is set up to be accessed within your home WiFi, but can be configured to be accessed from the Internet (documentation - https://github.com/Jopyth/MMM-Remote-Control/blob/master/README.md)

14. Select "Ctrl" + "m" on your keyboard to minimize the MagicMirror screen and access the Pi desktop
15. From the Pi desktop click on the VNC icon
16. Your Pi's IP address will be here.
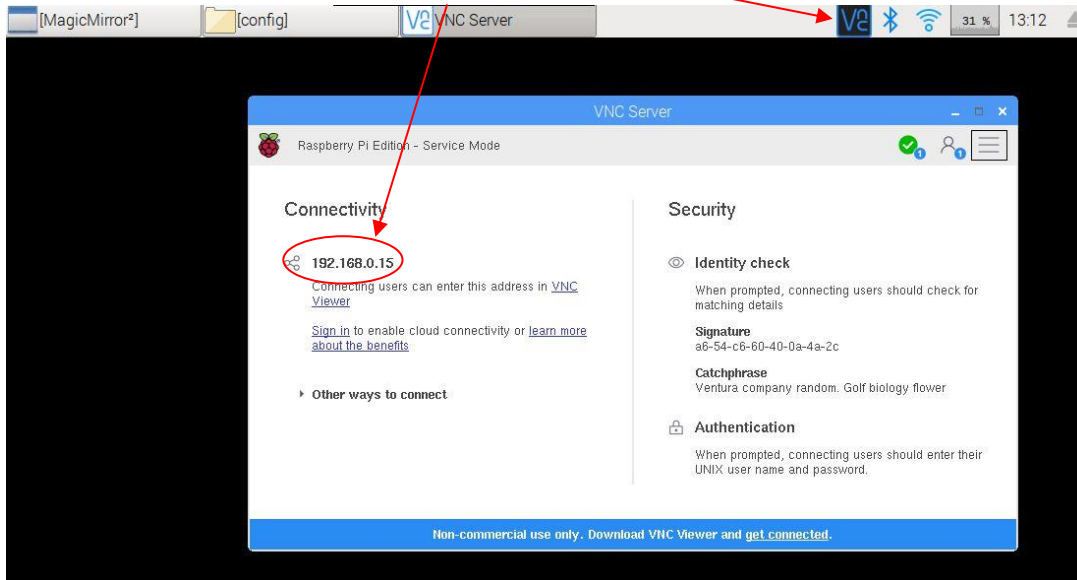
- **From your <u>desktop computer Web browser</u>, enter the IP address from you PI into your browser: (i.e. [http://<mark>youripaddress</mark>:8080/remote.html](http://youripaddress:8080/remote.html))**
- **To install on your smartphone, open a web browser from your smartphone and enter the same link (i.e. [http://<mark>youripaddress</mark>:8080/remote.html](http://youripaddress:8080/remote.html)). For quick access from your Android phone home screen, add the link to your phone's home screen: https://www.maketecheasier.com/add-chrome-bookmarks-android-home-screen/**
- **If you want to add for iPhone click here – https://lifehacker.com/5809338/add-web-site-bookmarks-to-your-iphones-homescreen**

Magic Mirror Remote Screenshots
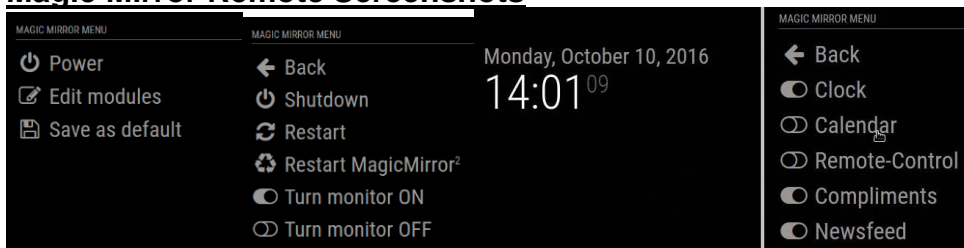
You can Remotely turn on and off modules or power off display from your smartphone

Available Modules
https://github.com/MichMich/MagicMirror/wiki/3rd-Party-Modules

How to setup modules instructions for beginners *(don't forget to scroll down the page of each module to verify if there are any "npm install" dependencies)*:
https://forum.magicmirror.builders/topic/4231/how-to-add-modules-for-absolute-beginners
- **The cofig.js file is located here:**
- **/home/pi/MagicMirror/config**
- **Open "config.js"**

How to position modules:
https://forum.magicmirror.builders/topic/286/regions

top_bar and bottom_bar are light gray
top_left and bottom_left are red
top_center and bottom_center are blue
top_right and bottom_right are green
upper_third is yellow
middle_center is cyan
lower_third is magenta

Modifying the CSS Syntax to Change the Appearance of Specific Modules:
This will allow you to change the size, color, and appearance of individual modules in the MagicMirror display.

Before you modify the CSS, be sure to **make a backup of the custom.css file**, located in **/home/pi/MagicMirror/css**.
- Here is a link for learning more about CSS and how to change the custom.css file: https://forum.magicmirror.builders/topic/6808/css-101-getting-started-with-css-and-understanding-how-css-works

****BACKING UP YOUR SD CARD – HIGHLY RECOMMENDED*** (15 Minutes)

Completely power down your Raspberry Pi and unplug the main cord. Remove the mini SD card located below In your Raspberry Pi.

If you would like to back up configuration, backup the SD card to your desktop PC using the instructions in the link below
https://thepihut.com/blogs/raspberry-pi-tutorials/17789160-backing-up-and-restoring-your-raspberry-pis-sd-card

After you have backed up your Magic Mirror image, remove the SD card from your computer and the adapter and insert back into your Raspberry Pi - as pictured above.

USEFUL STUFF

Pi Power Switch – Top left of Mirror

If for some reason your Raspberry Pi <mark>completely freezes up</mark>, you can press the on/off button on the top of left of the frame to do a hard reboot of your smart mirror.

Smart Mirror Volume Level Adjustment
In the upper right of the desktop, click on the speaker icon. **Adjust the volume level as desired.**

Increase or Decrease Display Power Off Delay Time
This will allow you to change the sleep time of the display after no motion.
In the **config.js** file (**/home/pi/MagicMirror/config),** scroll down to the module named "**MMM-PIR**" (example below). Change the time by delay to power off after no motion (i.e. 60 seconds=60000)
    disabled: false,
    module: <mark>'MMM-PIR',</mark>
    position: 'bottom_left',
    config: {
       sensorPin: 12,
       delay: <mark>120000,</mark> //can be changed to your preference (ex. 120000 = 2 minutes)

Save the config.js file by clicking on "File" and "Save" (upper left in menu) and then "Ctrl" & "q" in the MagicMirror window for the changes to take effect.

Magic Mirror Keyboard Controls/Appearance
- **'CTRL' & 'm' to minimize window in Magic Mirror display and show the raspberry pi desktop (to make changes to the config file using Real VNC)**
- **'CTRL' & 'q' to restart the Magic Mirror display**
- **'CTRL' & 'SHIFT +' to zoom in Magic Mirror display (make larger)**
- **'CTRL' & '-' to zoom out Magic Mirror display (make smaller)**

Current Conditions clear ☀ 64°F   Feels like 64°F   Wind @ 13mph   Humidity @ 38%

Today ⛅ 65/45   Mon ☁ 69/47   Tue ☁ 76/54   Wed ☀ 77/58   Thu 🌧 79/59   Fri ☁ 76/65   Sat ☁ 75/54

Sunday, June 14, 2020

5:00 pm

GOOGLE CALENDAR

No upcoming events.

EMAIL

No Unread mails

CURRENT AIR QUALITY

Madison

O3	41	Good
PM2.5	14	Good

US HOLIDAYS

📅 Father's Day   In 7 days
📅 Independence Day Holiday   In 19 days
📅 Independence Day   In 20 days

TODAY IN HISTORY 06/14/2020

2002 : A car bomb exploded in front of the US consulate in Karachi, Pakistan, resulting in the death of 12 people and the injuring of 50 more.

Moon Phase

Waning Crescent

Room Temp   **75.0°**

MOVIE LISTINGS

The Last Beyond

1 / 10 (1 ratings)
88 min

Chris Snyder
Jolene Andersen
Noah Watts
Stephen Small Salmon
Graham DuBose, Director

Symbol	Cur.Price	Prev.Close	CHG	CHG%	Volume
LTC-USD	44.86	46.68	▼ -1.82	▼ -3.91%	1,909,868,928
SPY	304.21	300.61	▲ 3.60	▲ 1.20%	194,450,402
TSLA	935.28	972.84	▼ -37.56	▼ -3.86%	16,763,374
PTON	47.10	45.98	▲ 1.12	▲ 2.44%	5,838,977
BYND	144.74	143.51	▲ 1.23	▲ 0.86%	5,704,968

Last updated: 14-06 16:55

Madison Local News, 13 hours ago:

Virtual school is out for summer in this week's contest

Fill in the caption with a clever quip by Wednesday and win publication of your line with the cartoon in next Sunday's newspaper. You'll also receive a signed print of the cartoon by artist Phil Hands.

Time until standby:

00:01:59

CPU Temp	53.0°C
System Load	0.77
Free RAM	53%
Uptime	11 hours
Avail Space	20G

POSTPONED: Hamilton Leithauser - w/ Anna St. Louis

Majestic Theater
115 King Street
Date: 7/30/2020
Time: 07:00 PM

♫ Coastal Brake
📁 Dive
👤 Tycho
🖥 DRESCHI7-PC

INTERNET CONNECTION

Internet is connected

I believe that we are solely responsible for our choices, and we have to accept the consequences of every deed, word, and thought throughout our lifetime.

Elisabeth Kubler-Ross

Sunrise 5:17 am Sunset 8:38 pm

Current Condition is clear   64°F   Feels like 64°F   Wind 13mph E   Humidity 38%

Now ☀ 63°F   5:00 pm ☀ 64°F   6:00 pm ☀ 63°F   7:00 pm ☀ 62°F   8:00 pm ☀ 59°F   9:00 pm ☀ 57°F   10:00 pm ☀ 56°F

Current Conditions cloudy 🌧️ 74°F Feels like 74°F Wind @ 8mph Humidity @ 88%

undefined 🌧️ 85/71	Wed 🌧️ 88/70	Thu 🌧️ 85/69	Fri ⛅ 88/68	Sat 🌧️ 91/72	Sun 🌧️ 91/73	Mon 🌧️ 87/72		

Moon Phase

New York Times, an hour ago:

Madison Cawthorn, 24, Upsets Trump-Endorsed Favorite in North Carolina

Mr. Cawthorn's victory in the G.O.P. primary for a House seat formerly held by Mark Meadows, the White House chief of staff, was an upset for his handpicked successor, who had the president's backing.

Waxing Crescent

Wednesday, June 24, 2020

1:18⁴³ am

Room Temp 76.3°

MOVIE LISTINGS

GOOGLE CALENDAR

No upcoming events.

EMAIL

No Unread mails

CURRENT AIR QUALITY

Johnston County

O3	29	Good
PM2.5	25	Good

US HOLIDAYS

📅 Independence Day Holiday	In 9 days
📅 Independence Day	In 10 days
📅 Labor Day	In 2 months

TODAY IN HISTORY 06/24/2020

1942 : British musician, Mick Fleetwood, was born in Cornwall. He is best-known for his role as the drummer with the rock and roll band Fleetwood Mac.

Symbol	Cur.Price	Prev.Close	CHG	CHG%	Volume
LTC-USD	44.14	43.09	▲1.06	▲2.45%	1,367,935,616
SPY	---	---	---	---	---
TSLA	1001.78	994.32	▲7.46	▲0.75%	6,291,557
LYFT	35.60	34.25	▲1.35	▲3.94%	7,019,598
SONO	14.10	14.06	▲0.04	▲0.25%	15,542,976
PTON	---	---	---	---	---
BYND	152.79	159.63	▼-6.84	▼-4.28%	7,505,951

Last updated: 24-06 01:18
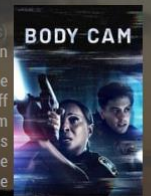
Body Cam
Protect Serve Survive

6 / 10 (23 ratings)
96 min

BODY CAM

Mary J. Blige
Nat Wolff
Lorrie Odom
David Zayas
Demetrius Grosse
Anika Noni Rose
Malik Vitthal, Director

🎵 I Can't Go for That (No C...
📁 The Very Best of Daryl H...
👤 Daryl Hall & John Oates
💻 DRESCHI7-PC

🔀 ◀ ⊙ ▶ 🔁

Life is a progress, and not a station.

Ralph Emerson

Thomas Rhett (Rescheduled from 7/10/2020)

Coastal Credit Union Music Park at Walnut Creek
3801 Rock Quarry Rd
Date: 7/10/2021
Time: 07:00 PM

INTERNET CONNECTION

Internet is connected

Time until standby.

00:01:59

CPU Temp	🌡️	55.0°C
System Load	🔃	1.52
Free RAM	🖥️	67%
Uptime	⏱️	an hour
Avail Space	💾	20G

Sunrise 5:59 am Sunset 8:33 pm

Current Condition is cloudy ☁️ 74°F Feels like 74°F Wind 8mph SW Humidity 88%

Now	2:00 am	3:00 am	4:00 am	5:00 am	6:00 am	7:00 am
☁️ 74°F	☁️ 73°F	⛅ 72°F	⛅ 72°F	⛅ 72°F	⛅ 72°F	⛅ 73°F