

# WINEGARD WF2-5G1



## Specifications:

Wireless Standard: **802.11a/b/g/n/ac**  
Frequency Band: 2.4GHz/5GHz  
Wireless Speed: 2.4GHz 432Mbps(Tx), 5Ghz  
757Mbps  
Amplifiers: 2x2 MIMO  
Antennas: **(2)** 2.4GHz/5GHz, (4) 5G LTE Antennas  
Wireless Security: WEP, WPA, WPA2, WPA mixed  
Sim Card Port: 3xStandard SIM (25mm x 15mm  
x .076mm), 2 internal, 1 internal  
Power Rating: DC12V, 1.5A

## WARNINGS:

- Read this manual carefully and completely before attempting to assemble, install or operate this product. Winegard® recommends the installation of this equipment be done by a professional technician.
- Save these instructions.
- Do not paint any portion of the Winegard Connect® Home™. Painting the system could damage the system and will void the warranty.
- When first setting up the Winegard Connect it is recommended to check for software updates the first time the system is connected to an internet signal. It is also recommended to check for updates every couple months for fixes and added features.

## OPERATION

**NOTE:** Winegard recommends web browsers Microsoft Edge, Firefox®, and Google Chrome™ Browser.

**WARNING: FOR FIRST TIME USERS** - On the initial setup, your Connect system may have to reconfigure the modem. If this occurs, expect an additional 1-2 minutes of delay before the Connect can be used.

**DO NOT CLICK THE BACK BUTTON** on your web browser when navigating through this software.

- 1) Turn the rocker switch to the ON position. Turn on the WiFi enabled device(s) that you want to connect and scan for wireless networks. It may take a few minutes for the network to appear.
- 2) The label located on the front of this manual lists the unique default SSID and password. Select this WiFi signal from the list of wireless networks and connect. Once the correct SSID has been selected, enter the password. It is recommended to set your device(s) to automatically connect with the Winegard Connect 2.0.

**IMPORTANT:** DO NOT LOSE THIS MANUAL. It contains your unique factory default SSID and password.

- 3) Once connected, open an Internet browser and type 10.11.12.1 into the address bar and press Enter. See figure 1. This will take you to the Admin Login Screen.  
Login using:  
Username: admin Password: admin

Winegard@ Connect™ : Login

USERNAME  
admin

PASSWORD  
|

CONTINUE

RESET

### 4G LTE Units Only

The Winegard Connect 2.0 can access the internet two different ways: from a local WiFi network or a 4G LTE network.

- 4) To connect to a 4G LTE network, select 4G/LTE Only from the internet access menu. Then click SELECT. See figure 2. If you have available data to use, the INTERNET STATUS should display Connected to 4G/LTE "Winegard Connect Data Plan". If you do not have any available data the field will not display Connected. You will have to add data in order to use the 4G connection.

**WARNING: CONNECTING TO THE INTERNET THROUGH 4G LTE WILL USE DATA FROM YOUR WINEGARD CONNECT DATA PLAN.**

- 5) To add data you must be connected to an internet source. From the Status screen, select the DATA PLAN icon. Once on the data plan screen, you can see how much data you have remaining or click the link in the subscription field to view your current plan or purchase more data. See figure 3.

**NOTE:** Any changes made to your network settings may result in a temporary loss of all network connections for up to 1 minute while being applied. This includes switching from WiFi to 4G and from 4G to WiFi. During this temporary loss your device may switch to a local remembered WiFi network. This will not allow you to return to the Connect setup screens. If this happens manually reconnect to the Connect's SSID again from your device.

(Continued on next page.)

Figure 1

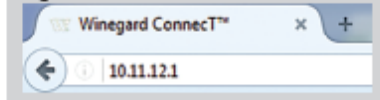


Figure 2

Status

INTERNET STATUS  
Connected to WiFi "Winegard"

Connect™ ANTENNA STATUS  
Connected through "Winegard2ghzD2A031"

WiFi SIGNAL  
67%

4G/LTE SIGNAL  
39%

INTERNET ACCESS  
 4G/LTE  
 WiFi  
 No Internet

SELECT

SCAN FOR WIFI FORGET WIFI

SAVED WIFI DATA PLAN

2.4 GHz LOCAL NETWORK  
Winegard2ghzD2A031

NAVIGATE TO PAGE  
SELECT PAGE

Figure 3

4G/LTE Data Plan

Subscription  
Click here to view or renew your subscription

Status

RATE PLAN  
Winegard - 3GB USCAN 30 Days Plan

AMOUNT LEFT (as of yesterday)  
2570 MB

AMOUNT USED (this billing cycle)  
502 MB

Account

CARRIER  
Winegard Connect Data Plan

SIM (ICCID)  
89011703278134601965

CANCEL

- 6) To connect to a WiFi network, select **WiFi ONLY** and then click on **SCAN FOR WIFI**. This will bring up a list of all WiFi signals in range (this could take a few minutes). The Winegard Connect 2.0 will display available networks by signal strength. Select the desired network and click **CONTINUE**. See figure 4.
- 7) Enter the network password, if prompted. Once the Winegard Connect connects to the internet the **INTERNET STATUS** will show connected (this could take as long as two minutes). You are now ready to use the WiFi.

**NOTE:** Some networks will display a “splash page” when connecting instead of using a network password. When connecting to a network requiring a splash screen for multiple days, it may be necessary to clear your browser cache.

Figure 4

Network Scan

Please Select Desired 2.4GHz Network: Signal strength below 50% is not recommended

SSID	SECURITY	SIGNAL	CHANNEL
<input type="radio"/> Winegard	WPA2	100%	1
<input type="radio"/> Winegard2ghzD27F4D	WPA2	100%	1
<input type="radio"/> Winegard2ghzD2BF27	WPA2	100%	11
<input type="radio"/> Winegard-Guest	WPA2	97%	1
<input type="radio"/> OE1EC70	WPA2	94%	11
<input type="radio"/> For hidden network enter SSID here.	Select Security Type		

CONTINUE

CANCEL

## LOCAL NETWORK SETTINGS

Most functions on the Winegard Connect 2.0 are controlled from the Local Network Settings screen. From the Status Screen, select **LOCAL NETWORK SETTINGS** from the drop down menu. From here (see figure 5), it is possible to do any of the following:

### Change (SSID) Network Name

It is recommended that you change the network name of your Winegard Connect. This will improve the security of your network and make it easier to find with your WiFi enabled devices.

### Change Network Password

To secure your network, it is suggested that you change the network password to something you can remember. The new password must be at least eight characters long. You will need to log in using the new user name and password.

### Security Type

The Winegard Connect Security Type has been defaulted to WPA2-PSK (AES). Other options are available on this screen.

**NOTE:** Any changes made to your network settings will result in a loss of all network connections. You will need to reconnect all devices to the Winegard Connect 2.0 with the changed network name and/or password.

Figure 5

Settings

**Note: Any changes made to your network settings may result in a temporary loss of all network connections for up to 1 minute while being applied.**

2.4 GHz Network Settings

LOCAL NETWORK SSID

Winegard2ghzD2A031

PASSWORD (must be at least 8 chars)

\*\*\*\*\*

Hide Password:  Hidden SSID:

SELECT SECURITY TYPE

WPA2-PSK (AES)

CHANNEL (when WiFi Internet is not selected)

auto

## Guest Network

The Winegard Connect 2.0 provides a simple way to set up an extra network that doesn't have access to the Status Screen. This allows you to provide guests with an easy login process to use when accessing your network while you still maintain a secure system.

To set up a Guest Network:

- 8) Click on **ENABLE**. See figure 6.
- 9) Give the guest network an easily recognizable name. See figure 6.
- 10) Enter a password. If you use a simple password, it is recommended that the guest network be disabled when not in use. See figure 6.

Figure 6

2.4 GHz Guest Network Settings

ENABLE:  DISABLE:

GUEST NETWORK SSID

WinegardGuestD2A031

PASSWORD (must be at least 8 chars)

\*\*\*\*\*

Hide Password:  Hidden SSID:

SECURITY TYPE

WPA2-PSK (AES)

## App Operation

Let Winegard keep you connected to the Internet while on the road using our FREE Connected app for all Winegard Internet products.

**Slideout Menu -**  
Test Internet Speed,  
Find My Device (GPS),  
Account Information,  
Support and more.

Tap to see signal strength  
of the 4G or WiFi  
connection.



**Information Icon -**  
Helpful hints and tips  
can be found here.

**Connection  
Information -**  
Device name,  
Local Network name,  
Internet Source,  
and software version.

**NOTE:** The initial ADMIN PASSWORD is admin.



In the **Settings** screen you are able to change the Local and Guest Network Name (SSID) and passwords.

In the **Advanced Settings** screen you are able to change the IP address, modify saved WiFi networks, perform a factory reset, and reboot the system if needed (recommended to NOT make changes).

## App Operation (cont.)

**Health Check** – If you believe your system is having problems you can click on the Download Logs button (and with an internet connection will be able to send directly to Winegard for review). If no internet connection is available, the file can be saved to your device and sent via email at a later time.



**Product Manual** – This link will send you to the Winegard website where you can find your correct manual.

**Submit Help Request** – Fill out the Contact Form and include a message with what you need help with and a Winegard Support agent will respond. Or call Winegard Technical Support 1-800-320-9992.

help@winegard.com – Link will open your default email provider and start a new email.



All the device information can be found in the **About** screen. You are also able to check for software updates which typically update every couple months for added improvements.



**Internet Source** - Switch between WiFi, 4G LTE, or turn off internet. Switching between internet options will prompt the message to the left. Make sure your phone or tablet is set to auto connect and that a connection to another network has not been made during this change.



Selecting the **Buy Data** button will direct you to the Winegard sign on screen. Enter your account user name and password or create a new account. You must have an internet connection to access the Winegard sign on screen.



If WiFi is selected as the Internet Source, a **Scan for WiFi** button will appear. Click this button and a scan of the available WiFi in your location will take place. Connect to an available WiFi network within the list provided. If there is a lock next to the available network, a password is required to log on.

## FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and devices.
- Connect the equipment into an electrical outlet on a circuit different from that which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Only channels 1–11 can be operated, and channels 1-11 can only be operated in the 2.4GHz band. Selection of other channels is not possible. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The band 5150-5350 MHz for this device are restricted to indoor use.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

## WF2-5G1

**FCC ID: C3D-AZ15G222200**

**Contains FCC ID: C3D-2020RM502QAE**

**IC: 22428-AZ15G222200**

**Contains IC: 22428-2020RM502AE**

**HVIN: WF2-5G1**

### IC Regulatory Compliance

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### RF Exposure Compliance

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

Disclaimer: Although every effort has been made to ensure that the information in this manual is correct and complete, no company shall be held liable for any errors or omissions in this manual. Information provided in this manual was accurate at time of printing. If the antenna does not function as expected, please contact Winegard Co. Winegard is a registered trademark of Winegard Company. LLC. Apple & the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play & the Google Play logo are trademarks of Google LLC. All trademarks, registered trademarks and logos are the property of their respective owners and are not affiliated with Winegard Company