Port Configuration

To configure ports, vist the Admin Interface, go to Settings > Ports and click on the port to configure.

Typically, default Network and Internet settings are fine as is. Usually only the Name, Icon, and Failover settings are adjusted, if at all.

LAN Settings

To change the device's IP address visit the Admin Interface, go to Settings > System > LAN and change the "IP Address" setting.

Note: Once changed, the device will only be accessible via the new IP and not the default (192.168.10.1)

Tip: If changing the LAN IP, it is recommended to jot down the new IP or label the physical device to make troubleshooting a little easier.

Access Points

As with other Aigean devices, the MFR series integrates seamlessly with Aigean Access Points (MAP series).

To configure these access points, ensure they are connected to the LAN and powered on. Visit the Admin Interface, go to Settings > Access Points.

Any detected MAP devices will appear here with their status, configuration, manage button.

If an Access Point doesn't appear after a couple of minutes, you can consult the DHCP lease table in Status > LAN under "DHCP Leases". Navigate to the devices IP to bring up it's configuration interface.

Security

It is recommended to secure your device by setting an administrator password.

To do so, visit the admin interface, go to Settings > System > Administration and toggle the "Admin Password" setting to the on position. Enter in your desired password and apply the settings.

Note: If the password is forgotten, the device must be reset via failsafe mode.

Note: Enabling an Admin Password only requires a password for the Admin Interface. To require the password on the Simple Interface, visit the Admin Interface, go to Settings > Interface > Simple UI and toggle "Require Admin Password" to the on position.

Backup and Restore

It is recommended to backup your device's configuration once completely setup.

To backup, go to the Admin Interface, visit Tools > Backup & Restore and click the "Save Backup" button. This will trigger a download of the backup file to save to your computer.

Failsafe Mode: In the event you need to recover your device and can't access the Admin Interface, do the following:

1. Connect computer directly LAN port
2. Set a static IP of **192.168.99.10**
3. Reboot device.
4. Visit **http://192.168.99.1/** repeatedly until page appears.
5. Reset device.

Additional Support

www.aigean.com/support

754-223-2240

Multi-WAN Routers

Models: MFR-3, MFR-7

Thank you for choosing Aigean!

This guide will help you quickly get up and running. A more comprehensive manual and additional resources are available at:

www.aigean.com/support

The kit contains the following:
- Aigean MFR Device
- Mounting hardware
- AC Power cord/adapter

Installation

Out of the box, the device will be preconfigured for the most common setup scenario.

Note: This configuration and port arrangement can be easily changed in the port settings of the Admin Interface. See page 5 for more information.

WAN 1 : Wi-Fi
WAN 2 : Cellular
WAN 3 : Satellite

Plug in the sources accordingly for the quickest setup or plug them in after configuring the ports for a different scenario.

The last port on the right of the device is the LAN port. Connect the boat network to this port, which is usually some form of network switch.

Simple Interface
http://192.168.10.1/



The Simple Interface is what most users should use after the divice has been configured.

This interface strips all of the settings and advanced controls out and only displays the sources, their status, and allows control of the active source and failover toggling.

Admin Interface
http://192.168.10.1/admin/



The Admin Interface is where all device settings, statuses, and advanced features can be controlled.

This interface has the same source selection and failover controls found on the Simple Interface so everything can be done from here without switching between interfaces.

Once the device is configured, there is rarely a reason to visit this interface unless troubleshooting, checking additional statuses, or the configuration needs to be altered.

Source Status

Sources can have a few different statuses and it is important to understand them.

Internet - Everything is operating nominally and the source is connected to the internet.

Captive Portal - Generally for Wi-Fi only. This means the source is connected to a network that requires some sort of user intervention, such as entering a code, logging in, and/or accepting a usage agreement.

No Internet - The source is working, but isn't connected to the internet.

No IP address - The source has been detected as being plugged in and power on, but there isn't any network communication.

No Link - The source is not communicating with the device. Indicative of and unplugged cable, the source is not powered on and running, or the source is experiencing a hardware fault.

Manual Source Selection

Source selection is easy. From the Simple Interface or control page of the Admin Interface, simply click on the desired source to switch it as the active source.

The source card will flash while it is switching and turn green once activated.

To disconnect from the current source, click the active (green) source and no source will be selected as active.

Note: Only on active source is allowed at a time. However, each source's individual management pages are always available on the LAN.

Failover

Failover is designed to monitor the internet statuses of different sources and automatically switch the active source to ensure Internet is always available on the network.

This logic follows a priority configuration that is setup in the failover settings of the Admin Interface (Settings > Failover)

While armed, the system will switch to the highest priority source with internet available at any time. This includes switching back to a higher priority (lower number) source even if the current source still is connected to the Internet.

The device is preconfigured for the following:

Priority 1 : Wi-Fi (WAN1)
Priority 2 : Cellular (WAN2)

Note: Satellite (WAN3) does not have failover enabled as default as most users prefer to manually switch to Satellite as to avoid exorbitant data costs.

Failover is not armed out of the box. You can click the failover toggle at any time to arm or disarm it.

If failover is enabled and a different source is manually selected, this automatically disarms failover. Failover will have to be manually rearmed to take effect.

Warning!
It is up to the user/owner to monitor their accounts and data usage with the appropriate carriers to avoid excess cost and fees.

Aigean is not responsible for any data costs.