



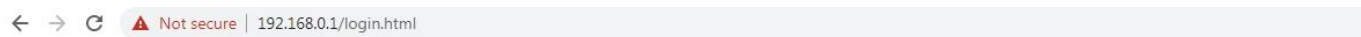
IQ Modem Loading Instructions

***Note** – This document assumes the modem is being loaded from factory default. If you are updating an already loaded modem, the IP addressing, and login credentials may be different. Please contact our NOC to obtain this information if required.

Connect the computer to the Management port on the back of the modem and open a web browser (Firefox, Chrome, Internet Explorer, etc.). This will be the **ETH2 port** on the on the IQ desktop, Desktop+ and IQ 200 modems and **SAT ETH port** on the IQLTE.



Type the modem's IP address into the address bar at the top of the browser. Default is 192.168.0.1. (PC may need to be hardcoded to match the IP address subnet of modem)



Log into the modem using the following credentials:

User: admin
Password: iDirect (Factory default)

Loading software and options files

Download version iDX 4.3.0.0 from our website at:

https://isotropic.network/wp-content/uploads/2024/03/evo_iQseries_rmt_rootfs-23.0.1.1-299.98.pkg

If a new option file or software package needs to be loaded, navigate to the “Administration” tab.

The screenshot displays the iDIRECT terminal management interface. At the top, there is a navigation bar with the iDIRECT logo on the left and five status indicators (Receiver 1, Transmitter, Network, Power, Status) on the right. Below the navigation bar is a menu with options: Dashboard, Details, Commissioning, and Administration (highlighted with a green box and a mouse cursor). The main content area shows the 'System Status' section with a 'Go Offline' button and a yellow warning box stating 'The terminal is currently not in network. Please start the commissioning wizard if the terminal hasn't been commissioned yet.' with a 'Start wizard' button. Below this are three panels: 'Link Status' showing network status (WAITING_FOR_RX_LOCK), satellite receiver status (Waiting for Demod Lock), satellite transmitter status (MUTED), and receive SNR (-10 dB); 'Receiver SNR (primary)' showing a line graph of SNR over time; and 'Take me to...' with links to 'View Satellite Details', 'View Terminal Details', and 'View current LAN throughput'. At the bottom, there are sections for 'Terminal Information', 'Device Status', and 'Terminal Events' with columns for 'Up Time' and 'Description'.

To load the software package, click **Select files** next to upload software package. Locate the package on your computer and then click load. An example of a software package name is **evo_iQseries_rmt_rootfs-23.0.1.1-299.98.pkg** (this is the current iQ Software)

Administration - Software & Configuration

Manage Software Packages Reboot Terminal

Upload Software Package: Select Files...

Partition	Type	Description	Version	
active1	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	Activate Software Package
active0	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Software package is currently active
factory	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Activate Software Package

Configuration Files

Description	Filename	Version	Date	Size		
iDirect manual configuration	downstream_config.json		12/31/1969	431	Upload Configuration File	Download Configuration File
iDirect remote configuration	falcon.opt			0	Upload Configuration File	Download Configuration File

Once complete, you will see a completed pop up notification.

Administration - Software & Configuration

Manage Software Packages

Upload Software Package: Select Files... Done ✓

✔ 2 Successes
 ✘ 0 Errors
 ⚠ 0 Warnings
 ✕

2 actions were successfully completed

- The upload has been completed. The release is now being installed...
- The installation has been completed. Please use the buttons below to activate the desired release.

Partition	Type	Description	Version	
active1	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	Activate Software Package
active0	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Software package is currently active
factory	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Activate Software Package

Configuration Files

Description	Filename	Version	Date	Size		
iDirect manual configuration	downstream_config.json		12/31/1969	431	Upload Configuration File	Download Configuration File
iDirect remote configuration	falcon.opt			0	Upload Configuration File	Download Configuration File

To load the options file, click **Upload Configuration File** under the Configuration Files for iDirect remote configuration next to falcon.opt. Locate the options file on your computer and then click load.

Dashboard Details Commissioning Administration admin

Administration - Software & Configuration

Manage Software Packages

Upload Software Package: [Select Files...](#) Done ✓ ?

[Reboot Terminal](#)

Partition	Type	Description	Version	
active1	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	Activate Software Package
active0	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Software package is currently active
factory	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Activate Software Package

Configuration Files

Description	Filename	Version	Date	Size		
iDirect manual configuration	downstream_config.json		12/31/1969	431	Upload Configuration File	Download Configuration File
iDirect remote configuration	falcon.opt			0	Upload Configuration File	Download Configuration File

Once complete, you will see a completed pop up notification.

✓ 1 Success ✗ 0 Errors ⚠ 0 Warnings ✕

1 action was successfully completed

- The configuration file has been uploaded. Please click the 'Reboot Terminal'-button above for the changes to take effect.

After both the package and options file have been loaded, click **Activate Software Package** for active1 or **Reboot Terminal**. Both will reboot the modem.

Dashboard Details Commissioning Administration admin

Administration - Software & Configuration

Manage Software Packages

Upload Software Package: [Select Files...](#) Done ✓ ?

Partition	Type	Description	Version	
active1	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	1. Activate Software Package
active0	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Software package is currently active
factory	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Activate Software Package

2. [Reboot Terminal](#)

Configuration Files

Description	Filename	Version	Date	Size		
iDirect manual configuration	downstream_config.json		12/31/1969	431	Upload Configuration File	Download Configuration File
iDirect remote configuration	falcon.opt		12/31/1969	5074	Upload Configuration File	Download Configuration File

Once the modem has finished rebooting. Login into the modem web interface and reload the current software **evo_iQseries_rmt_rootfs-23.0.1.1-299.98.pkg** this will save the software in both active partitions.

Dashboard Details Commissioning Administration admin

Administration - Software & Configuration

Manage Software Packages

[Reboot Terminal](#)

Upload Software Package: [Select Files...](#) ?

Partition	Type	Description	Version	
active1	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	Software package is currently active
active0	Evolution Remote	iDirect Remote Terminal Application	21.0.3.2-96	Activate Software Package
factory	Evolution Remote	iDirect Remote Terminal Application	21.0.3.1-79	Activate Software Package

Please confirm **Version 23.0.1.1** is in both active partitions and the software is currently active. Reboot terminal.