

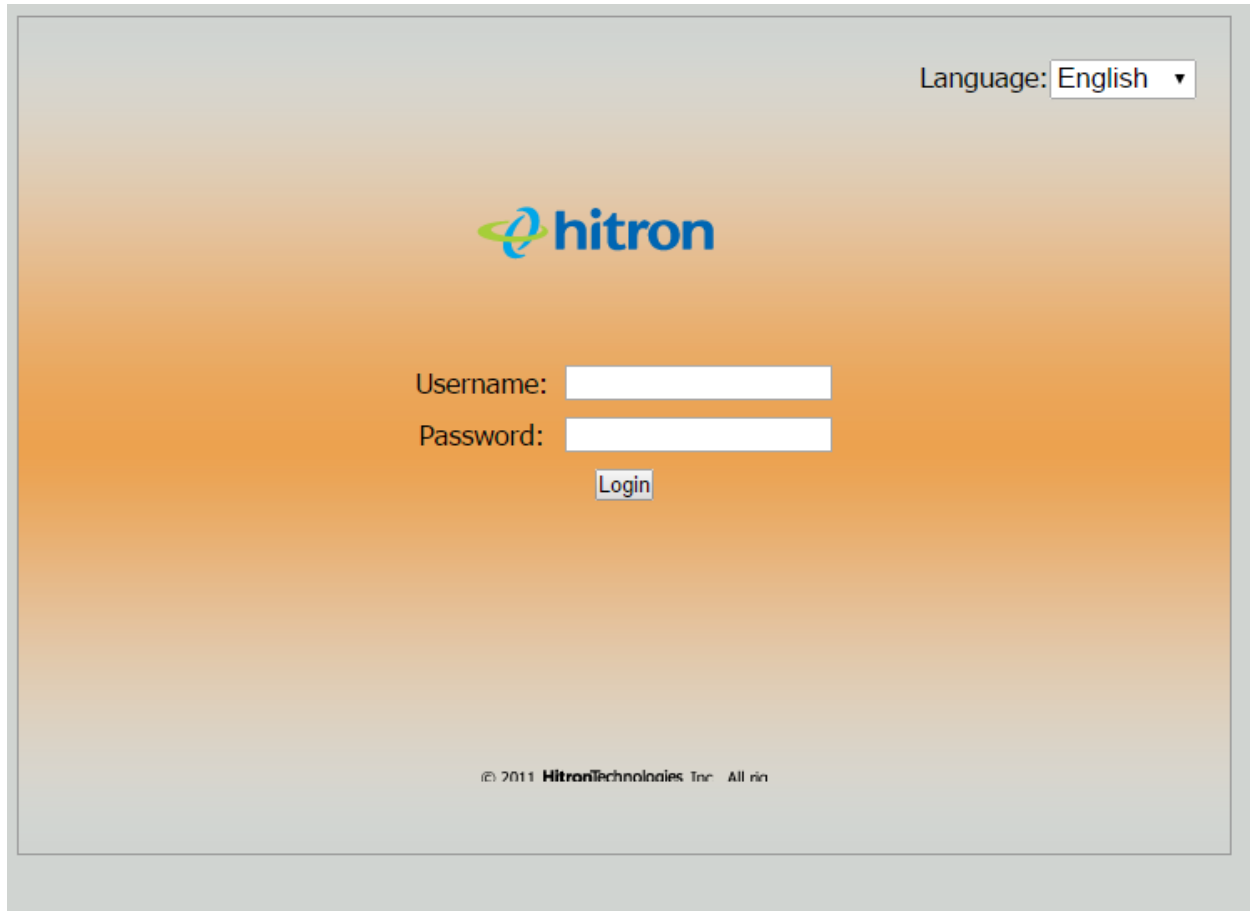


Hitron CDA – RES


Modem UI Quick Guide

LOGIN PAGE

- 192.168.100.1
- Username: cusadmin
- Password: password



Language: English ▾



Username:

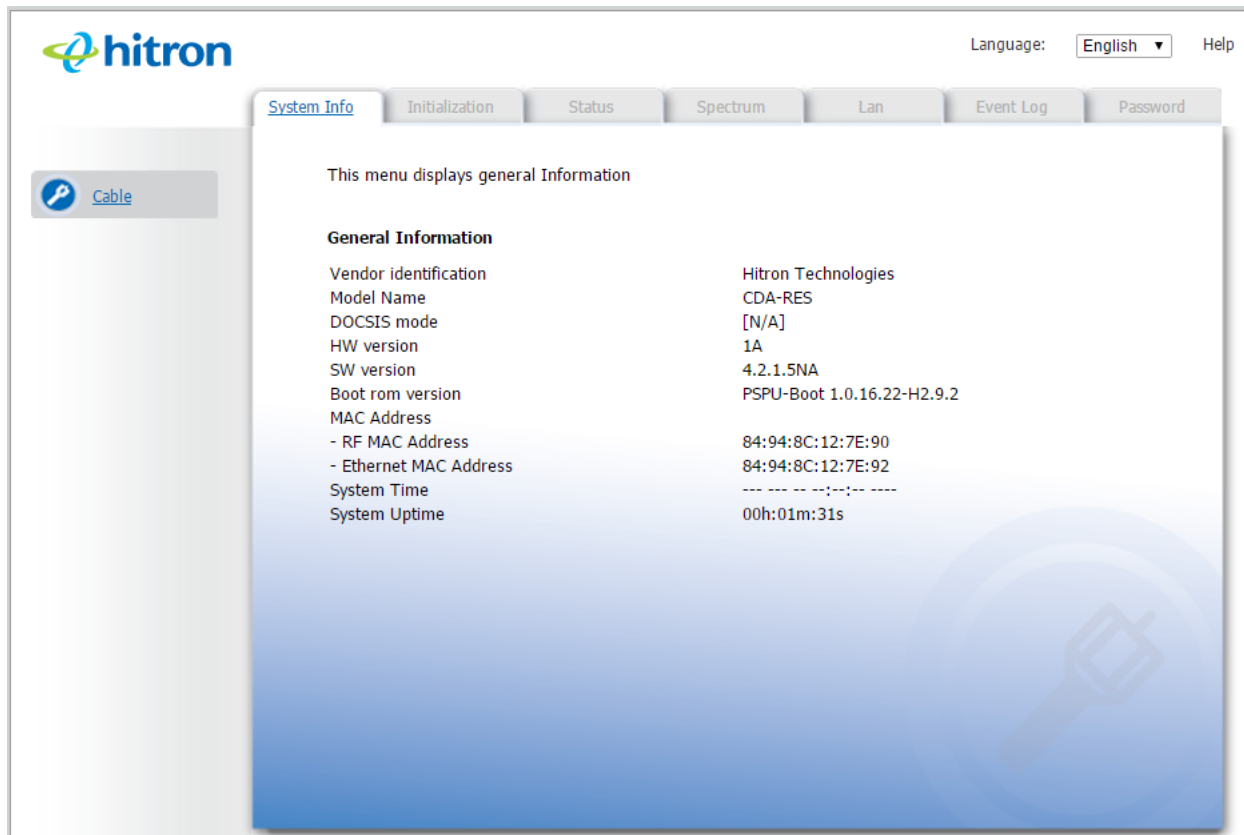
Password:

Login

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SYSTEM INFO

- General Information Page
- Displays modem uptime and FW + MAC information



The screenshot displays the Hitron modem web interface. At the top left is the Hitron logo. To the right, there is a language dropdown menu set to 'English' and a 'Help' link. Below the logo, a navigation bar contains tabs for 'System Info', 'Initialization', 'Status', 'Spectrum', 'Lan', 'Event Log', and 'Password'. The 'System Info' tab is active. On the left side of the main content area, there is a 'Cable' button with a padlock icon. The main content area features a heading 'This menu displays general Information' and a section titled 'General Information' containing a table of system details.

Vendor identification	Hitron Technologies
Model Name	CDA-RES
DOCSIS mode	[N/A]
HW version	1A
SW version	4.2.1.5NA
Boot rom version	PSPU-Boot 1.0.16.22-H2.9.2
MAC Address	
- RF MAC Address	84:94:8C:12:7E:90
- Ethernet MAC Address	84:94:8C:12:7E:92
System Time	--- --:--:--:--:--:--
System Uptime	00h:01m:31s

INITIALIZATION

- Overview of modem status
- General sync ranging status
- Network access success status
- Similar to “Status” page on Motorola modems

The screenshot displays the Hitron modem web interface. At the top left is the Hitron logo. On the right, there is a language dropdown menu set to 'English' and a 'Help' link. Below the logo, a navigation bar contains tabs for 'System Info', 'Initialization' (which is selected), 'Status', 'Spectrum', 'Lan', 'Event Log', and 'Password'. On the left side of the main content area, there is a 'Cable' button with a key icon. The main content area features a heading 'This menu displays the connectivity status of the modem and its boot state' followed by a 'Modem Status' section. This section lists various modem operations and their current states.

Modem Status	
HW init	Success
Find Downstream	Process...
Ranging	
DHCP	
Time of Day	
Download CM Config File	
Registration	
EAE status	Disable
BPI status	AUTH:start, TEK:start
Network Access	Process...

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STATUS

- Network Access Status
- Signal levels for DS and US
- Modulation type
- Similar to “Signal” page on Motorola Modems

The screenshot shows the Hitron modem web interface. The top navigation bar includes tabs for System Info, Initialization, Status (selected), Spectrum, Lan, Event Log, and Password. The Status page displays the following information:

This menu displays both upstream and downstream signal parameters and Attached Devices

CM Configuration file name [N/A]
Network Access Process...

Downstream

Downstream Frequency(MHz)

Port	1	2	3	4	5	6	7	8
Frequency (MHz)	320.000							
Modulation								
Signal strength (dBmV)								
Signal noise ratio (dB)								
Channel ID	0							

Upstream

Upstream ID

Port	1	2	3	4
Frequency (MHz)				
Bandwidth (Hz)				
Modulation type				
DOCSIS mode				
Signal strength (dBmV)				
Channel ID				

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SPECTRUM

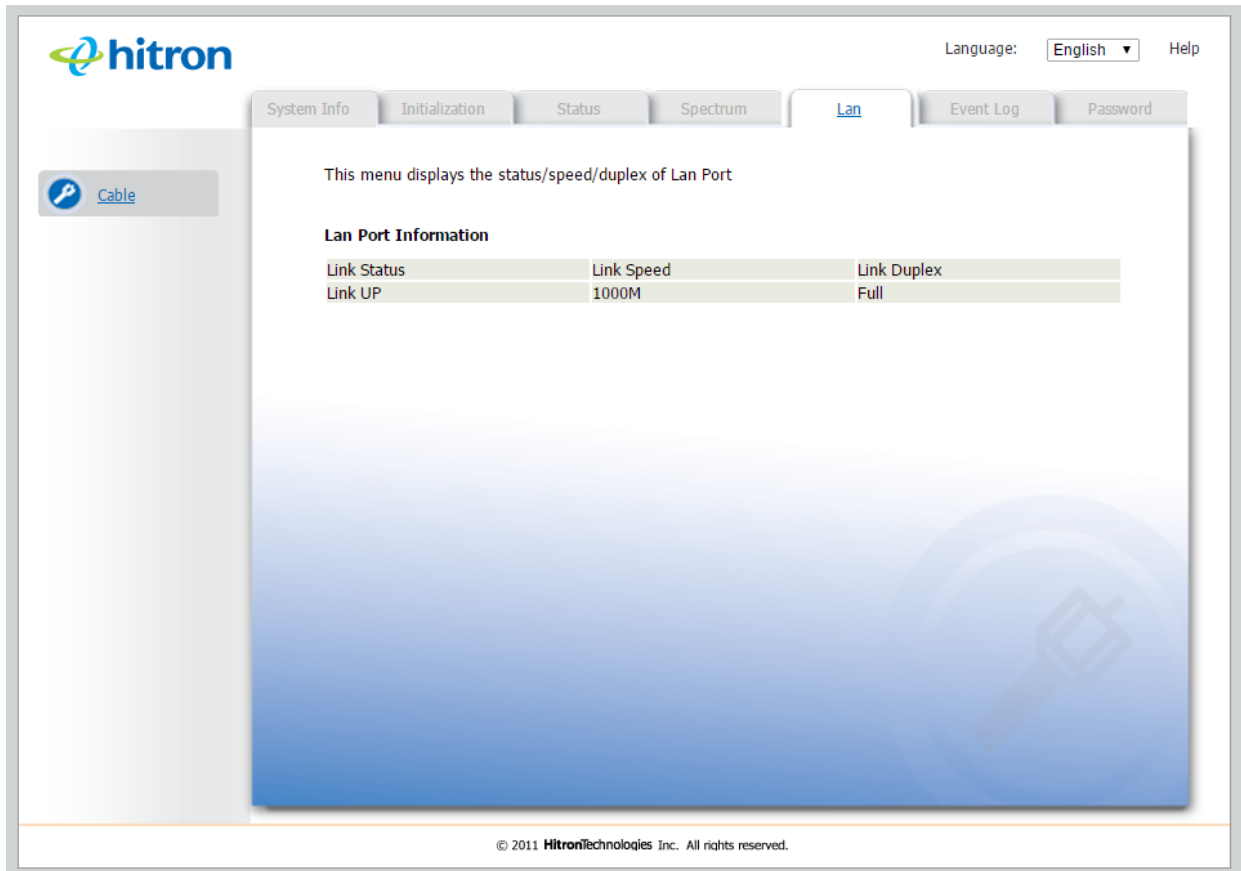
- Displays cable spectrum graphically

The screenshot displays the Hitron modem's web management interface. At the top left is the Hitron logo. On the top right, there is a language dropdown menu set to "English" and a "Help" link. Below the logo is a navigation menu with tabs for "System Info", "Initialization", "Status", "Spectrum", "Lan", "Event Log", and "Password". The "Spectrum" tab is currently selected. On the left side of the interface, there is a "Cable" button with a key icon. The main content area features a heading "This menu displays cable spectrum" and a sub-heading "Cable Spectrum". Below this, there are input fields for "Start Freq: 111 (MHZ)" and "End Freq: 999 (MHZ)", followed by an "Apply" button. The central part of the interface is a graph with "Power (dBmV)" on the vertical axis (ranging from 0 to 1) and "Frequency (MHZ)" on the horizontal axis (ranging from 0 to 1). The graph area is currently blank, showing only a light gray background.

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LAN

- Displays LAN connectivity status
- Details (LAN) speed available to connected device (ex: 10/100/1000)



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This menu displays the status/speed/duplex of Lan Port

Link Status	Link Speed	Link Duplex
Link UP	1000M	Full

At the bottom of the interface, there is a copyright notice: © 2011 HitronTechnologies Inc. All rights reserved.

EVENT LOG

- Displays event logs of modem

The screenshot shows the Hitron modem web interface. The top navigation bar includes tabs for System Info, Initialization, Status, Spectrum, Lan, **Event Log**, and Password. The Event Log page displays the following information:

This menu displays the event logs of the modem

System Event Log

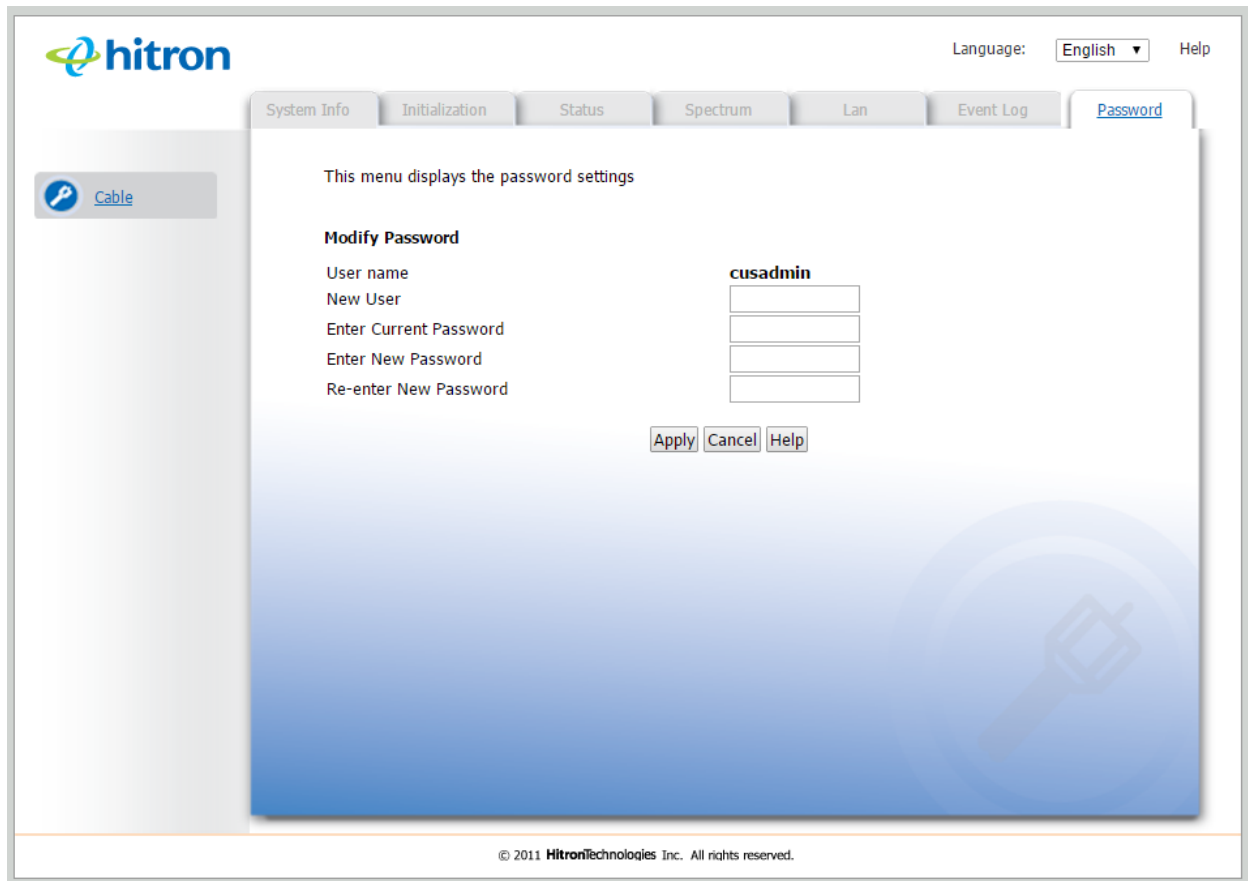
Index	Date/Time	ID	Level	Text
1	01/01/00 00:01:00	T05.0	critical	SYNC Timing Synchronization failure - Loss of Sync; CM-MAC=84:94:8c:12:7e:90; CMTS-MAC=00:17:10:00:ec:6d; CM-QOS=1.1; CM-VER=3.0;
2	01/01/00 00:00:00	Z00.0	warning	MIMO Event MIMO: Stored MIMO=-1 post cfg file MIMO=-1; CM-MAC=84:94:8c:12:7e:90; CMTS-MAC=00:80:42:42:20:9e; CM-QOS=1.1; CM-VER=3.0;
3	01/01/00 00:00:11	E102.0	notice	SW Download INIT - Via Config file CDA-RES_4.2.1.5_vidotron.cfg
4	01/01/00 00:01:30	D103.0	error	DHCP RENEW WARNING - Field invalid in response v4 option; CM-MAC=84:94:8c:12:7e:90; CMTS-MAC=01:23:45:67:89:ab; CM-QOS=1.1; CM-VER=3.0;
5	01/01/00 00:01:36	E112.0	notice	SW download Successful - Via Config file
6	01/01/00 00:00:00	Z00.0	warning	MIMO Event MIMO: Stored MIMO=-1 post cfg file MIMO=-1; CM-MAC=84:94:8c:12:7e:90; CMTS-MAC=00:80:42:42:20:9e; CM-QOS=1.1; CM-VER=3.0;
7	01/01/00 00:21:02	D103.0	error	DHCP RENEW WARNING - Field invalid in response v4 option; CM-MAC=84:94:8c:12:7e:90; CMTS-MAC=01:23:45:67:89:ab; CM-QOS=1.1; CM-VER=3.0;

ClearLog Help

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PASSWORD

- Displays password and username settings for modem
- Allows customers to change default username / password if they wish
- Resetting device will change these back to defaults



The screenshot displays the Hitron modem web interface. At the top left is the Hitron logo. In the top right corner, there is a language dropdown menu set to "English" and a "Help" link. Below the logo, a navigation bar contains tabs for "System Info", "Initialization", "Status", "Spectrum", "Lan", "Event Log", and "Password". The "Password" tab is currently selected. On the left side of the interface, there is a "Cable" button with a key icon. The main content area of the "Password" tab contains the following text and form elements:

This menu displays the password settings

Modify Password

User name **cusadmin**

New User

Enter Current Password

Enter New Password

Re-enter New Password

At the bottom of the form are three buttons: "Apply", "Cancel", and "Help". A large, faint watermark of a key is visible in the background of the main content area. At the bottom of the page, there is a copyright notice: "© 2011 HitronTechnologies Inc. All rights reserved."