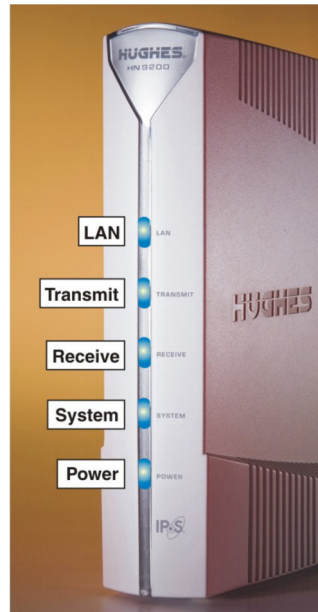


Hughes HN9200 Modem Lights



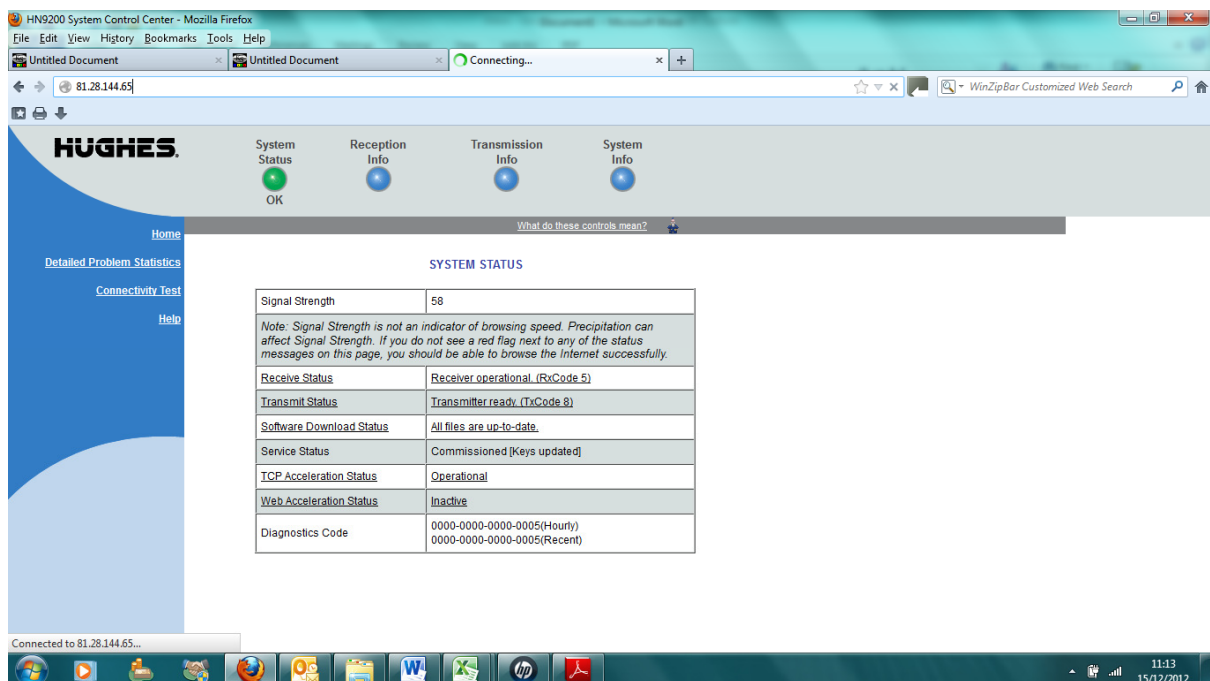
When operating with a good link and connected to a computer or router via Ethernet, all 5 lights will be on. The Transmit (second from top) and Receive (middle) will flash when data is being transferred over the link (this can happen even when you are not using the link due to management data from the gateway).

Light Definitions:

Light	Definition
LAN (top)	This light is ON when an Ethernet cable is plugged in to the back of the modem and to a computer or router LAN port with power applied.
Transmit (second from top)	This light is ON when there is transmit synchronisation over the satellite link. It will flash indicating data is being transferred, but mostly be ON. If the Receive light is ON and the System light OFF the Transmit light will occasionally flash trying to acquire link synchronisation. Transmit will only flash or come ON if Receive is ON.
Receive (middle)	This light is ON when there is receive synchronisation over the satellite link. If off and power light is ON, then it may be raining very heavily or the dish is misaligned or the receive cable is damaged.
System (second from bottom)	This light is ON when both Receive and Transmit are ON and the terminal is able to access the Internet. If it is OFF, then either Transmit has not yet synchronised and OFF or flashing or if for some reason the Gateway is not allowing the terminal access to the Internet (for example, if your satellite terminal is disabled).
Power (bottom)	This light is ON when power is applied to the modem.

The HN9200 modem has a web browser interface that you can access as follows:

- On a Computer that accesses the Internet via the satellite link and open your browser
- Enter at the top where you enter web addresses (URLs) 192.168.0.1
- Note that if your terminal has fixed public IP addresses you need to enter the IP address of the modem instead.
- You should get a request to enter a user name and password (it is case sensitive)
- Enter User Name avanti
- Enter password avanti
- Click OK
- The Hughes web page from the modem should be displayed
- You will see four buttons at the top which you can click to get basic information about your terminal. See below.
- Click the System Status button on the left.
- You will get a table of information that can be useful for support. See below.
- The most useful information to record when you call support are the Signal strength, Rx Code and TX Code values in this table.



HN9200 System Control Center - Mozilla Firefox

81.28.144.65

HUGHES

System Status: OK

Reception Info

Transmission Info

System Info

What do these controls mean?

Home

Detailed Problem Statistics

Connectivity Test

Help

SYSTEM STATUS

Signal Strength	58
<i>Note: Signal Strength is not an indicator of browsing speed. Precipitation can affect Signal Strength. If you do not see a red flag next to any of the status messages on this page, you should be able to browse the Internet successfully.</i>	
Receive Status	Receiver operational (RxCode 5)
Transmit Status	Transmitter ready (TxCode 8)
Software Download Status	All files are up-to-date.
Service Status	Commissioned [Keys updated]
TCP Acceleration Status	Operational
Web Acceleration Status	Inactive
Diagnostics Code	0000-0000-0000-0005(Hourly) 0000-0000-0000-0005(Recent)

Connected to 81.28.144.65...

11:13 15/12/2012