

What do the LED Indicators mean on the iDirect modem

Front Panel LED Indicators

LED Label	LED Colour	Indicated Unit Status
PWR	OFF	Indicates that the IDU is powered off or there is a power supply problem.
	Green	Indicates that the IDU is powered on. The bootloader has started.
NET	Green	Indicates that the remotes have been acquired into the network.
	Flashing Green	Indicates that the elements are in network acquisition.
STATUS	Green	IDU is functioning properly. The DRAM test is successful.
	Flashing Green	Indicates that the unit is booting. The DRAM test is in progress.
	Red	Indicates a serious fault or failure in software, hardware, or configuration. May indicate that the DRAM test failed.
TX	Green	Indicates that the IDU transmitter is enabled.
	Yellow	Indicates that the IDU transmitted is disabled.
RX	Green	Indicates that the receiver is successfully locked to the downstream.
	Yellow	Indicates that the IDU is not locked to the downstream carrier.

On initial Power up the PWR and STATUS led's will be on. After awhile the STATUS led will go out and the NET and RX will flash Yellow.

The LEDS should go solid green in the following order RX > TX > NET.

PWR should be on at all times and STATUS will be off except after initial Power up

Rear Panel LED Indicators

LED Label	LED Colour	Indicated Unit Status
INPUT PWR	OFF	Indicates that the IDU does not have power.
	Green	Indicates that the IDU has power.
BUC PWR	OFF	Indicates that the BUC power is not being supplied.
	Green	Indicates that the BUC power (+24 VDC) is being supplied.
	Red	Indicates a BUC problem or an IFL disturbance.
LNB PWR	OFF	Indicates that the LNB power is not being supplied.
	Green	Indicates that the LNB power (+19 VDC nominal) is being supplied.
	Red	Indicates a LNB problem or an IFL disturbance.

Troubleshooting.

Symptom	Problem	Solution
RX flashing yellow	Modem not locked on to Satellite	Check for any red led's on rear panel. Check alignment and signal strength of satellite dish. Check RX cable and connectors. Swap RX and TX cable at modem and dish end. Call ASCS on 0884439844 for assistance.
RX solid green and TX flashing	Modem RX locked on to Satellite but unable to transmit.	Check for any red led's on rear panel. Check TX cable and connectors.

yellow		Swap RX and TX cables at both ends. If you do not get RX lock you have a faulty cable. Check Latitude and Longitude and call ASCS on 0884439844 for assistance.
RX & TX solid green, NET led not lit	Modem cannot acquire into the network.	Call ASCS on 0884439844 for assistance.