

iDirect 3000 TERMINAL MODEM LEDS



LED Definitions

LED	Definition
PWR	Green ON: Indicates that Power is on and no faults in power levels detected. OFF: Modem switched off/unplugged or a power fault exists
STATUS	RED ON: Indicates a serious fault or failure in the software, hardware or configuration. May indicate that the DRAM test failed GREEN Flashing: Indicates that the unit is booting. The DRAM test is in progress. GREEN ON: Modem is functioning properly. The DRAM test is successful.
NET	Green ON: Indicates that the modem has been acquired into the network GREEN Flashing: Indicates that the modem is attempting acquisition into the network. ORANGE ON: Indicates that the modem is not in the network.
TX	Green ON: Indicates that the modem transmit is enabled. ORANGE ON: Indicates that modem transmit is disabled.
RX	Green ON: Indicates that the modem receive is successfully locked onto the downstream carrier. ORANGE ON: Indicates that modem receive is not locked onto the downstream carrier..

The following should be seen when the modem has acquired the satellite link and should be able to connect to the Internet

PWR GREEN ON

STATUS GREEN ON (on some software versions, this may be OFF)

NET GREEN ON

TX GREEN ON

RX GREEN ON

There are also some LEDs at the back of the modem. The following table defines these LEDs:

LED	Definition
INPUT PWR	Green ON: Indicates that modem input power is on. OFF: Indicates that modem input power is off.
BUC PWR	RED ON: Indicates the BUC (transmitter) or a transmit cable problem. GREEN ON: Indicates that the BUC power (+24 VDC) is being supplied. OFF: Indicates that the BUC power is not being supplied..
LNB PWR	RED ON: Indicates the LNB (receiver) or a receive cable problem. GREEN ON: Indicates that the LNB power (+19 VDC) is being supplied. OFF: Indicates that the LNB power is not being supplied..

These LEDs should all be **GREEN ON**.