SLM Communication Setup -OnDemand
(Airlink GX400)

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Introduction

The purpose of this document is to describe how to configure the Airlink GX400 modem for use with SLM on NS-OD.

Insert SIM Card

- Unplug the Airlink GX400 power and all other cables.

- Remove cover on the top of the Airlink GX400 to reveal the SIM slot, using an allun key.

- Place the SIM into the slot and press it into place.

- Install top cover to prevent dust or other unwanted particles from entering the Airlink GX400.
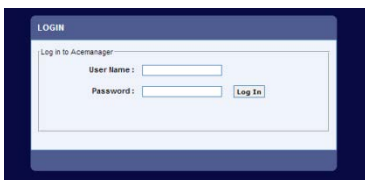
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- Connect Antenna & LAN
- Plug in the power cable again.

Router Configuration

Prepare

If you are unsure of the current Router settings. Press the reset button hold it for several seconds (count 10 slowly, and wait for the power light to go off after the light pattern stops), the Airlink configuration settings will return to the factory defaults. Please note that you will loose the APN settings.

- Connect your Airlink GX400 directly to your computer (with DHCP network setup) using either a cross-over cable or a straight-through cable. If you are connecting the router to a hub or switch you should use a straight through cable or use the uplink port on the hub or switch with a cross-over cable.

- Start AceManager from a browser with the following private address: http://192.168.13.31:9191/

- Login, Use default username (user) and password (12345)

- When logged in, you'll see the status page.

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| | Status | WAN/Cellular | LAN | VPN | Security | Services | GPS | Events Reporting | Serial | Applications | I/O | Admin |

Last updated time : 09-10-2013 12:59:11   Apply Refresh Cancel

Home	AT Phone Number	0000007256
WAN/Cellular	AT IP Address	0.0.0.0
LAN	AT Network State	No SIM or Unexpected SIM Status
VPN	AT Signal Strength (RSSI)	-85
Security	AT Cell Info	CellInfo: RSSI: -85 LAC: 40103 CellID: 26282984
Services	AT Current Network Operator	3 DK, 23806
GPS	AT Network Service Type	None
Serial	AT ALEOS Software Version	4.3.2.009
Applications	AT Signal Quality (ECIO)	-4.0
About	AT Channel	0
	WAN/Cellular Bytes Sent	0
	WAN/Cellular Bytes Rcvd	0
	AT Customer Device Name	CA1162107450K0B
	X-Card Type	x-Card Not Found

Administration

You **must** change the ACEManager password to protect from undesirable access to the configuration. If a public IP address is registered with the SIM card any user on the internet may access the router with the default password.

- Select Admin

| Status | WAN/Cellular | LAN | VPN | Security | Services | GPS | Events Reporting | Serial | Applications | I/O | Admin |

Last updated time : 09-10-2013 13:11:05   Apply Refresh Cancel

Change Password	Change ACEmanager Password	
Advanced	User Name : Viewer	
Radio Passthru	User Name : user	
Log	Old Password :	
Configure Logging	New Password :	
View Log	Retype New Password :	
	Change Password	

- User Name: user
- Old Password: 12345
- New Password: <you select>
- Retype New Password: <you select>

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Set APN

The Access Point Name (APN) is dependant on the internet provider. You should get it with the SIM card or ask the SIM card provider what it is.

- Navigate to the "WAN/Cellular" Tab
- Enter the APN provided by your ISP
- Click Apply button to save settings.
- Click at SIM PIN if your SIM requires it. Insert your pin code details, click save.
- Reboot the Airlink router.
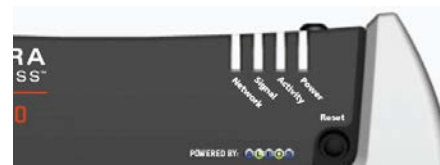
Indicator lights

Four LEDs are visible from the front and top of the AirLink GX400. Labeled (from left to right) Network, Signal, Activity, and Power, each LED can display one of three colors: green, yellow, or red.

- Off - No activity
- Green - Full function
- Yellow - Limited Function
- Red - Not functional
- Blinking - Where needed, blinking is used to indicate altered functionality.

- **Network LED**:
    - o Green - On the network
    - o Flashing Green - Roaming
    - o Yellow - Found service, attempting to connect
    - o Flashing Yellow - Link down
    - o Red - No data connection available.

- **Signal LED** - Light shows the strength of the signal and may be nearly solid (strong signal) or flashing (weaker signal). A slow flash indicates a very weak signal.
    - o Green - Good signal
    - o Yellow - Marginal signal
    - o Red - Bad signal
    - o Flashing Red - No signal.

- **Activity LED** - Pulse green on packet transmit/receive on radio link. Otherwise, LED is off.

- **Power LED:**
    - o Off - No power (or above 36V or below 7.5V)
    - o Red - System not operational
    - o Green - Normal operation
    - o Green, Occasional Yellow - GPS Lock
    - o Yellow - Low power mode or system booting.

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