WIN-400 Cellular Signal Guide

CAUTION: Never operate without antenna
To avoid damaging the radio circuitry, never power up radios without an antenna. Also, _never_ attach or remove an antenna while powered.


The LED indicators display the status and signal strength of the WIN-400 cellular access point.

For more advanced status information and diagnostics, a laptop with an Ethernet port is required.

LED	Description
System State	Indicates successful power on and device readiness Off: no power Orange: booting Red: error Green: on Green flashing: n/a
WWAN State	Indicates 3G/4G interface availability and use Off: no power or not connected Orange: on, not connected Red: WWAN error Green: on, connected Green flashing: data traffic
WWAN Signal Strength	Indicates 3G/4G interface signal strength Off: no power or not connected Red: bad signal strength • < -111dbm when connected to 4G • < -104dBm when connected to 3G Orange: moderate signal strength • >= -111dbm & < -94dbm when connected to 4G • >= -104dbm & < -94dbm when connected to 3G Green: good signal strength (>= -94dbm)

Advanced Status & Diagnostics

1. With the antenna connection securely fastened, power on the cellular access point.

2. When all three LEDs remain lit (approx. 2 minutes after powering-on), connect an Ethernet/Cat5 cable from the "**LAN**" port to your laptop.

3. Depending on your operating system, you may receive a prompt to allow this new connection. Allow this connection by clicking *Yes* (or similar).

4. Open your internet browser and enter **192.168.1.1** in the URL field.

5. Enter the login credentials (provided by Tucor).
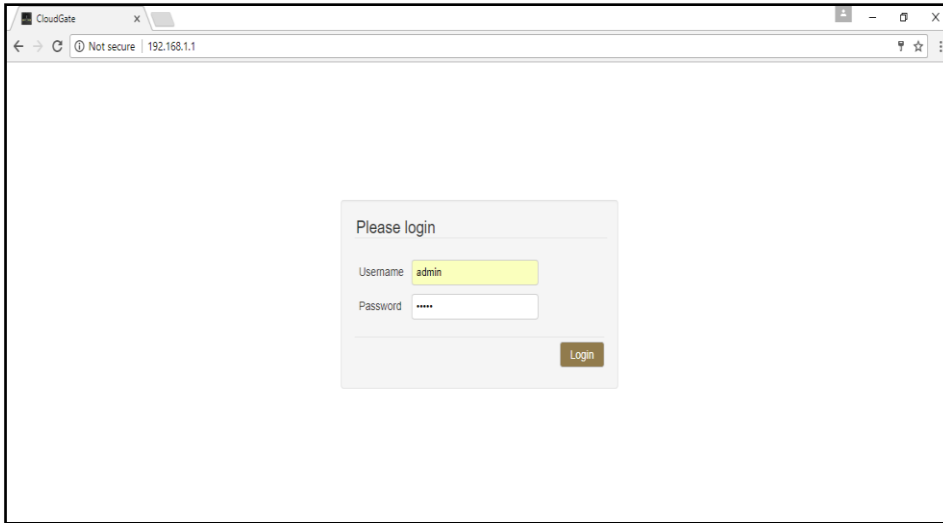
6. Once logged-in, click on the *Interfaces* tab and click *LTE Connection*.

7. The *Connection status* page will display the status, network operator, reference signal receive power (RSRP), reference signal received quality (RSRQ), and cellular technology being used.