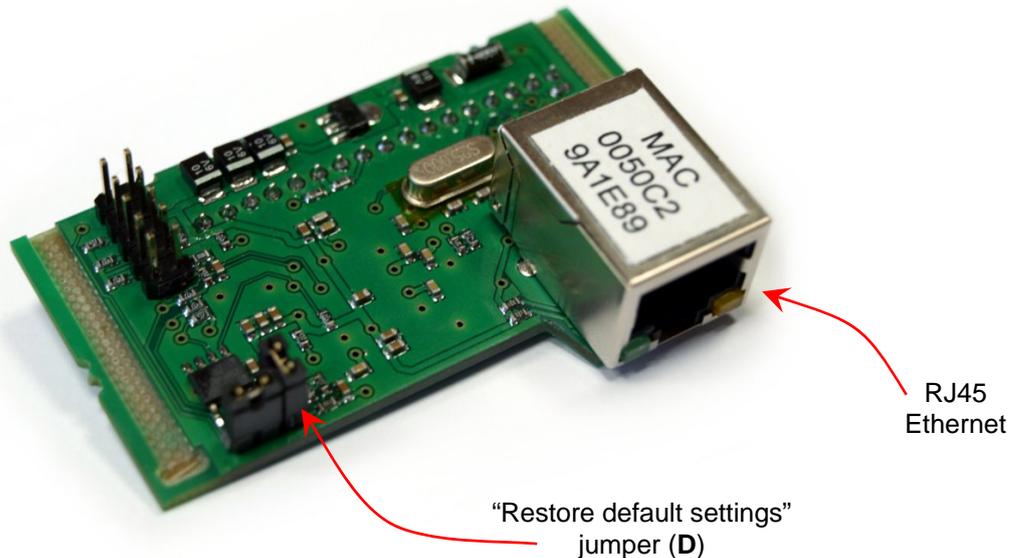


Short guide how to start using of IB-Lite module



1. What will you need?

- A. One of supported ComAp controllers: [IL-NT](#), [IC-NT](#), [MC-NT](#), [IA-NT](#), [InteliPro](#), [ID-FLX Lite](#), [ID-Lite](#) and their clones (more at [ComAp website](#))

NOTE:

This document relates to controllers able to use Communication Settings directly from the controller or relevant PC Software (LiteEdit, InteliMonitor).

IL-NT	- SW 1.6 ⁺ or WSUP 1.0 and higher	InteliPro	- SW 1.0 and higher
IC-NT	- SW 1.3 and higher	ID-FLX Lite	- SW 1.1 and higher
MC-NT	- SW 1.1 and higher	ID-Lite	- SW 2.0 and higher
IA-NT	- N/A		

Mentioned controllers with another SW are able to use IB-Lite communication module too. Only settings need to be done by using of web browser (more in [IB-Lite Reference Guide](#)).

* Available in IB-Lite 1.7 firmware

- B. UTP cable (RJ45), other network accessories (router etc.)

2. Turn off the controller (disconnect the controller from power source). Plug the IB-Lite module into the supported controller from the back side (see the picture bellow).



PLUGGING IN OF THE IB-LITE COMMUNICATION MODULE

3. Choose one possibility of connection:
 - A. [Direct connection between PC and IB-Lite](#)
 - B. [Connection of IB-Lite to Ethernet/Internet by using of dynamic IP and AirGate](#)
 - C. [Connection of IB-Lite to Ethernet by using of static IP or to Internet by using of public static IP](#)

Ad A) Direct connection between PC and IB Lite

4. Turn on the controller.
5. Set up local network in you PC at:
 - IP Address: 192.168.1.10
 - Network Mask: 255.255.255.0
 - Gateway IP: 192.168.1.1

Check the "Comms Settings" directly on the controller:

- Press  button. Choose "Comms Settings" by using of arrows   and press .
- Check "IBLite IP Addr" – should be 192.168.1.254 as default. If the IP is different change it with ,  and  buttons to the correct one. **"IBLite DHCP" and "AirGate" has to be DISABLED.**

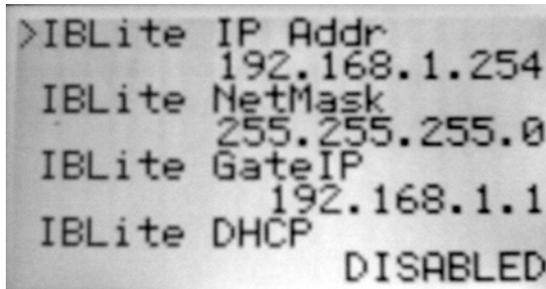
NOTE:

"Comms Settings" of controller can be as well changed by using of LiteEdit software via IL-NT RS232, IL-NT RS232-485 or IL-NT S-USB communication modules.

WARNING:

Disconnect power source from the controller before exchanging the communication module!

6. Connect the IB-Lite and PC via UTP cable (it is recommended to use the crossed cable).

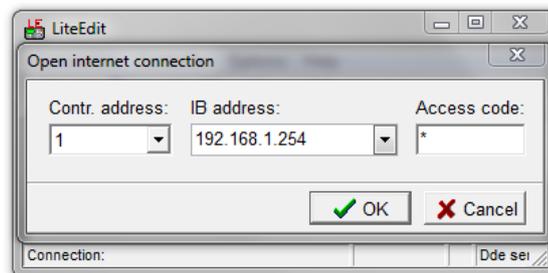


```

>IBLite IP Addr
192.168.1.254
IBLite NetMask
255.255.255.0
IBLite GateIP
192.168.1.1
IBLite DHCP
DISABLED
  
```

CONTROLLER DISPLAY: COMMS SETTINGS

7. For connection with controller use LiteEdit or IntelliMonitor software or just a web browser with putting of IP Address 192.168.1.254 (default IP) into the address bar which can get you to embedded SCADA WebServer.



LITEEDIT: INTERNET CONNECTION

Ad B) Connection of IB-Lite to Ethernet/Internet by using of dynamic IP and AirGate

NOTE:
Use this possibility when you haven't assigned static Ethernet IP address from your IT department or static public IP from your internet provider.

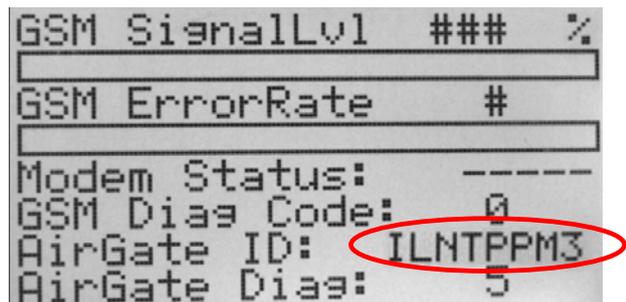
4. Turn on the controller.
5. Setup "Comms Settings" directly on the controller:

- Press  button. Choose "Comms Settings" by using of arrows   and press .
- Setup "IBLite DHCP" and "AirGate" as ENABLED.
- Setup "AirGate IP" as "airgate.comap.cz".

NOTE:
"Comms Settings" of controller can be as well changed by using of LiteEdit software via IL-NT RS232, IL-NT RS232-485 or IL-NT S-USB communication modules.

WARNING:
Disconnect power source from the controller before exchanging the communication module!

5. Connect the IB-Lite to the router (or Internet/Ethernet socket) via UTP cable.
 - Wait a while (or turn the controller off and on).
 - Check the "AirGate ID": Press few times  button on the basic controller display until you will see GSM/Modem status screen. Remember the AirGate ID.



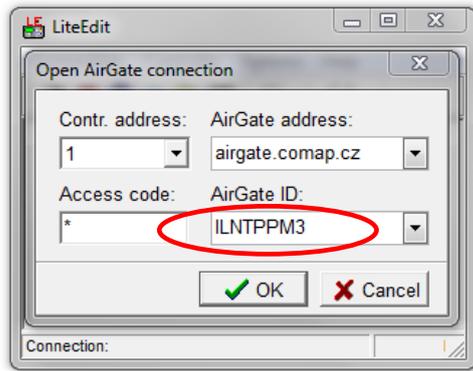
CONTROLLER DISPLAY – GSM/MODEM STATUS SCREEN

0	Waiting for connection to AirGate Server
1	Controller registered, waiting for authorization
2	Not possible to register, controller blacklisted
3	Not possible to register, server has no more capacity
4	Not possible to register, other reason
5	Controller registered and authorized

TABLE OF AIRGATE DIAGNOSTIC CODES

6. For connection with controller use LiteEdit or IntelliMonitor software or just a web browser with your WebSupervisor account (<http://websupervisor.comap.cz>). Connect to the controller via AirGate with typing of the AirGate ID and using of "airgate.comap.cz" as an AirGate address (AirGate Server).





LITEEDIT: AIRGATE CONNECTION



WEBSUPERVISOR: AIRGATE CONNECTION

Ad C) Connection of IB-Lite to Ethernet by using of static IP or to Internet by using of public static IP

NOTE:

Use this possibility when your IT department has a Static Ethernet IP at your disposal or when the Static Public IP from your internet provider is available.

4. Turn on the controller.
5. Setup "Comms Settings" directly on the controller:

- Press  button. Choose "Comms Settings" by using of arrows   and press .
- Setup items of "IBLite IP Addr", "IBLite NetMask" and "IBLite GateIP" according to information from your IT department (internal network) or internet provider (public network). **"IBLite DHCP" and "AirGate" has to be DISABLED.**

NOTE:

"Comms Settings" of controller can be as well changed by using of LiteEdit software via IL-NT RS232, IL-NT RS232-485 or IL-NT S-USB communication modules.

WARNING:

Disconnect power source from the controller before exchanging the communication module!

6. Connect the IB-Lite to the router via UTP cable.
7. For connection with controller use LiteEdit or IntelliMonitor software or just a web browser with your WebSupervisor account (<http://websupervisor.comap.cz>) or simply embedded SCADA WebServer with putting of public IP Address ("IBLite IP Addr") into the address bar.

NOTE:

More detailed information about IB-Lite you can find in [IB-Lite Reference Guide](#) available on [ComAp website](#).

