lumenradio W-BACnet building automation system with wireless Installation Guide

INSTALLATION GUIDE
Connect your building automation
system with wireless BACnet

Contents

W-BACnet building automation system with wireless
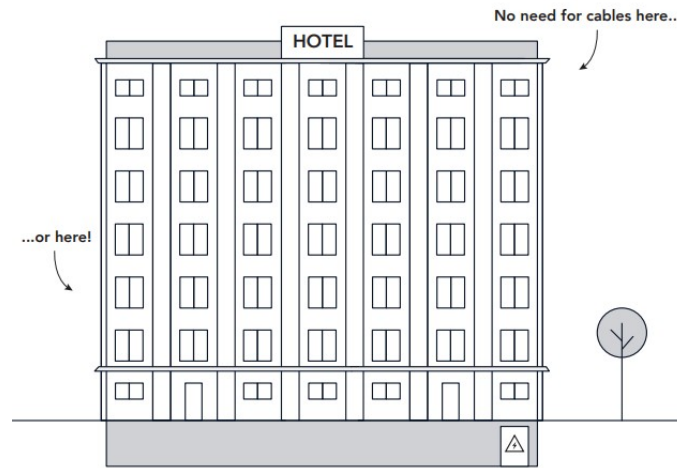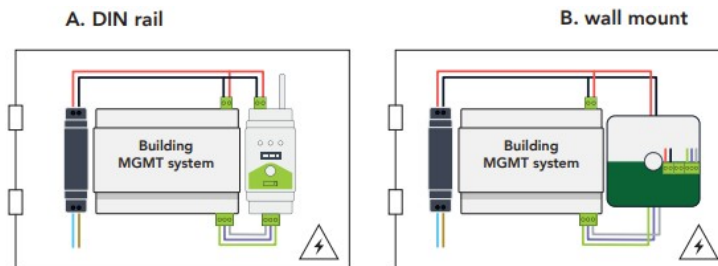
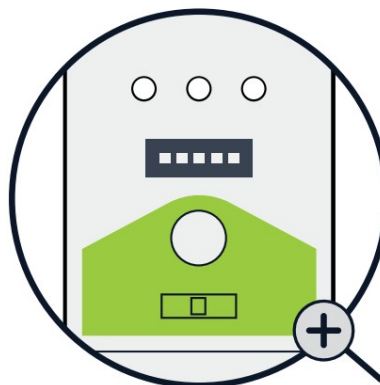For installation, no BACnet cables are needed.
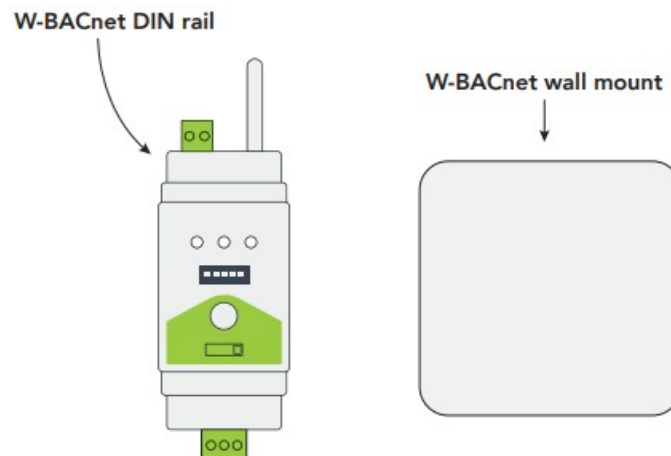
You need this for installation. Choose either W-BACnet DIN rail or W-BACnet wall mount.

The LumenRadio device next to the BACnet controller (router) can serve as your gateway, with both DIN rail and wall mount options available.
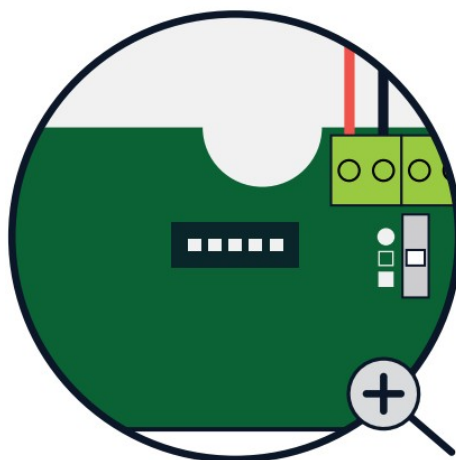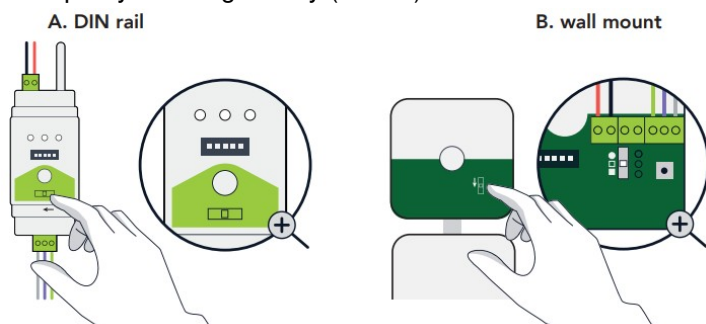
GATEWAY SET-UP

A. DIN rail

|	1	2	3	4	5
9600 baud	OFF	OFF	–	–	–
19200 baud	OFF	ON	–	–	–
38400 baud	ON	OFF	–	–	–
76800 baud	ON	ON	–	–	–
No parity	–	–	OFF	–	–
Even parity	–	–	ON	–	–
1 stop bit	–	–	–	OFF	–
2 stop bit	–	–	–	ON	–
Use local serial configuration set on Node					ON
Use Gateway serial confiauration on Node					OFF

B. wall mount

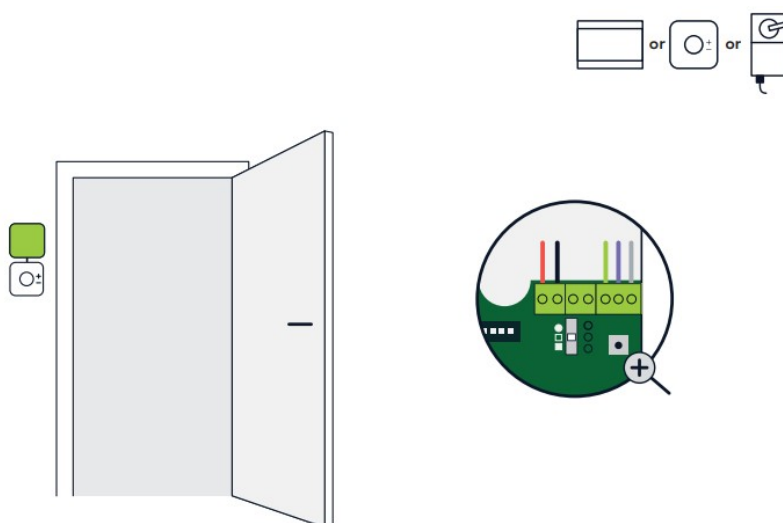Set your Baud rate, stop bit and parity on the gateway (A or B).

A – Move the switch to "COMM" or B – Move the switch to " ☐ ".
Continue by installing the LumenRadio node next to your field devices, starting with the one closest to your gateway.
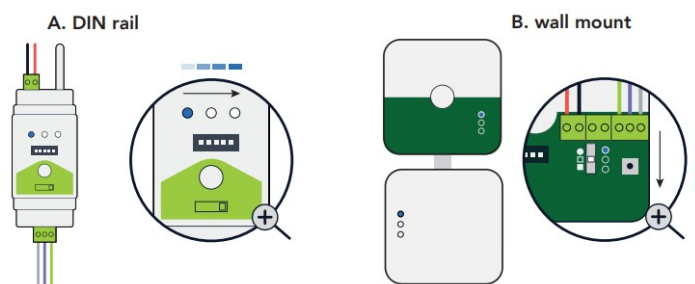**Ex. Node to room controller**
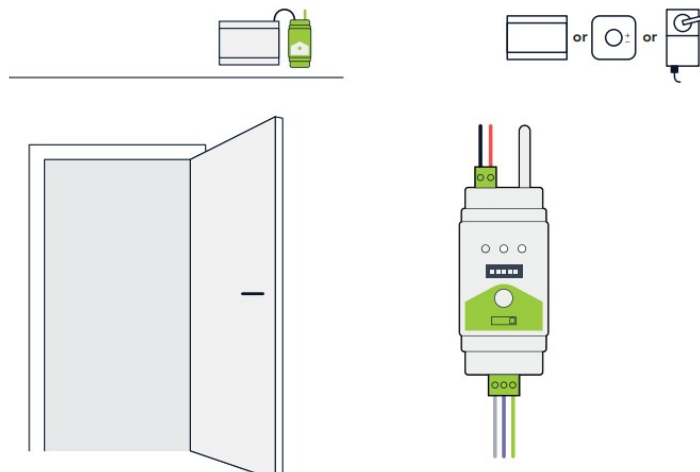
Connect the LumenRadio device with chosen device (zone controller). Optionally, set a local Baud rate.

Place the LumenRadio device preferably above the chosen device (room controller) and connect. Optionally, set a local Baud rate.
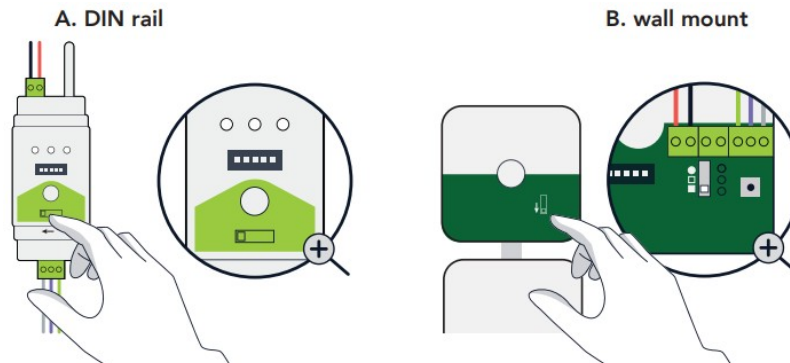

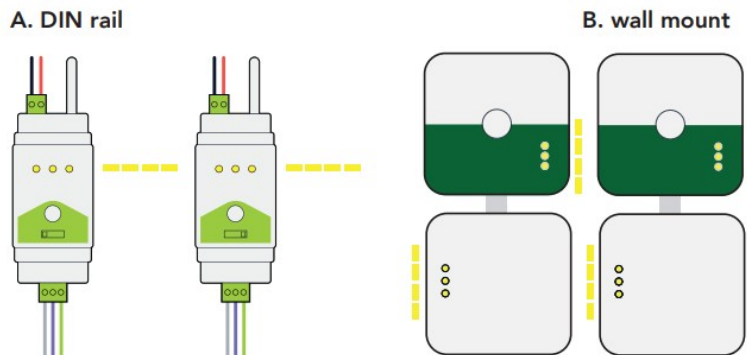The lights on your node will now sweep in blue.

When the lights start blinking green, the node has found the gateway. This can take up to five minutes.
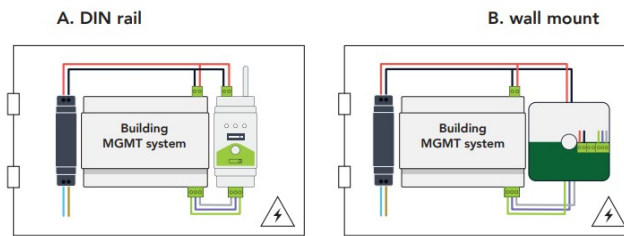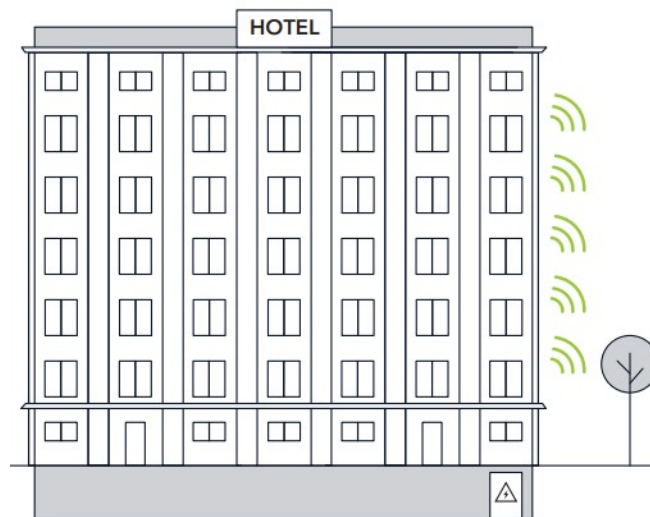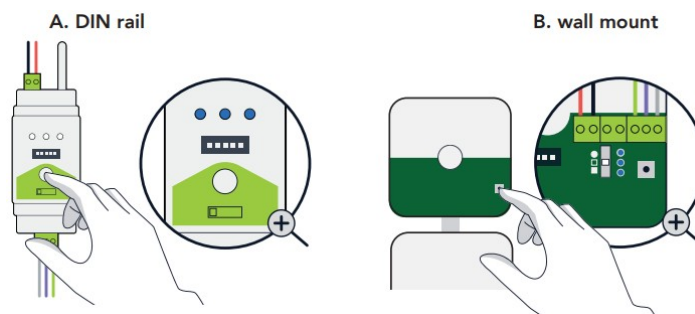
Go back to the gateway.

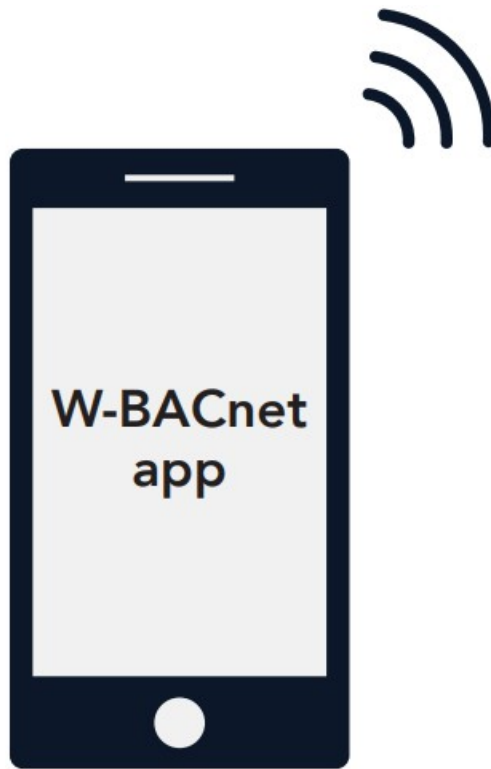A – Move the switch to "GATEWAY" or B – Move the switch to " ▢ "

The devices blink yellow entering secure mode.
This may take up to 5 minutes.

Now you have a wireless connection!

To use the W-BACnet app, press the button on the gateway three times so that it blinks blue twice and you are ready to connect.

Verify your installation in the app.
For a detailed overview, select Network Map.

Learn more at **www.lumenradio.com**

Documents / Resources

	lumenradio W-BACnet building automation system with wireless [pdf] Installation Guide W-BACnet building automation system with wireless, W-BACnet, building automation system with wireless, automation system with wireless, system with wireless, with wireless

References

- **Home - LumenRadio**
- **User Manual**