COMET

Gateway to the LoRaWAN® network, configured for COMET Cloud

SP041 – QUICK START MANUAL

optional accessories for Wx9xx series transmitters

DESCRIPTION AND USE

The gateway serves as an access point for the local LoRaWAN® network and is designed to connect COMET Wx9xx series transmitters to the COMET Cloud via the LoRaWAN® network.

The gateway is a third-party product, supplied with complete original accessories for its power supply and installation. However, it is preset so that after installation it immediately starts receiving data messages from the LoRaWAN® network with its built-in antenna, supplements them with the correct time of message receipt and sends the complete data to the target server used by the COMET Cloud. The condition is a connection to a network with available Internet, without restrictions on the outgoing direction from the gateway, e.g. by a firewall. A DHCP server must also be available in this network**.**

Differences in the gateway configuration compared to the factory settings from the manufacturer:
- the radio part of the gateway is internally connected to the built-in antenna for the LoRaWAN® network
- the primary and secondary SNTP servers are set for real-time maintenance
- the target server for sending data is set
- for at least minimal security, a password for the gateway's WiFi network is set (password: LoRa111*)

The gateway is configured via WiFi, see the original device manual. We recommend setting your own, strong password to restrict access to your own network via the gateway with a WiFi connection. Alternatively, set another password in the gateway router.

Warning: if you reset the gateway to factory settings, all presets will be lost!

Registering a gateway to the COMET Cloud is done in the Administration / LoRa Gateways menu. Add your gateway to the list by entering its Gateway EUI identifier. You can also give it a suitable name and enter its location on the map. Within a few minutes of connecting the gateway, its status in the list must change to ONLINE.

RECOMMENDED GATEWAY CONNECTION

Specifications are subject to change without notice.
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