

Calculate the air time of your LoRa frame.

Default values are for EU868 band.

LoRa Modem settings

Spreading factor

7 - 12

Bandwidth

125 kHz default for LoRaWAN. 250 kHz also supported.

Code rate

$4 / (CR + 4) = 4/5$.

4/5 default for LoRaWAN

Frame configuration

Payload length

Preamble length

Default for frame = 8, beacon = 10.

Explicit header

☒ Yes

Default on for LoRaWAN

CRC

☒ Yes

Default on for LoRaWAN

Low data rate optimization

No

Enabled for bandwidth 125 kHz and Spreading factor ≥ 11 **Preamble length**

12.54 ms

Symbol length

1.02 ms

Symbols in frame

18

Time on air

30.98 ms

Duty cycle

One message every 00:03 (mm:ss)