

LONG TITLE

NAME SURNAME

Vehicular Communications

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IoT = connecting embedded devices

LoRaWAN = MAC layer → open

Access method: ALOHA

Duty cycle 1% w/o channel access method

Short payload: max 59 ÷ 230 bytes (in EU)

Non IP-compliant

LoRa = PHY layer → proprietary

LoRa= Long Range → up to tens of km

Based on CSS (Chirp Spread Spectrum)

Low bit rate: 0.25 ÷ 11 kbps

ISM bands: EU 868 MHz → anyone can deploy