

data privacy conform
people counter

Paxcounter

WiFi tracking

cable powered

transmit count result
only by Lora

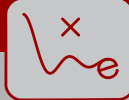
for
transportation
municipalities
industries



- smartphones regularly transmit probe messages, if WiFi is on
- Paxcounter counts unique MAC addresses passing by
- Every 30 seconds only the count result is transmitted via LoRa
- MAC data is "forgotten"
- LoRa is a narrowband wireless standard using an ISM Band at 868MHz
- LoRa gateway needs to be available
- From LoRa server (Loriot, TTN) data can be integrated in Cloud platform using REST-API
- Paxcounter complete with integrated antennas for WiFi and LoRa
- power supply 5V DC via USB cable

LXElectronics Smarter Sound Sensors

www.lxel.de/paxcounter



WiFi

- +13dBm typical P_{out}
- PCB antenna 4dBi

power supply

- via USB-micro-B connector
- 5V DC / 35mA

compact:

only 150 x 80 x 35 mm



IoT connectivity

Lora EU 868 MHz

antenna LoRa

lambda/4
monopole
integrated

Rugged housing

- incl. Wallmount adapter



LXElectronics Smarter Sound Sensors

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