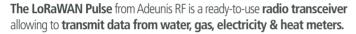
LoRaWAN Pulse Transceiver



Highlights

- Radio transmission of meter data through LoRaWAN compliant networks
- Water, gaz, electricity & heat meters
- Up to two meters per transmitter
- Range up to 10km
- Up to 10 years of autonomy
- IP67 enclosure



The **LoRaWAN Pulse** provides connection to any operated network using the LoRaWAN protocol.

Two meters can be supported by a single **LoRaWAN Pulse** transmitter allowing a significant **reduction of costs** of implementation and deployment.



The configuration of the transmitter can be done **via the network** allowing the choice of **periodicity**, **pulse weight** or **data encryption**.

Powered through a Lithium battery, it allows an autonomy guaranteed up to **10 years**.

Performances

RF power: 14dBm (25mW) RF sensitivity: up to -140dBm

Range: up to 10km

Firmware

LoRaWAN V1 network protocol Transmission cycles: 10mn, 1h, 12h or defined by network History of data Data encryption: AES128

Warnings

Battery end of life

Consumption & needs

Operating voltage: 3.6V nominal Power supply: through Li-SOCl2 battery Lifespan: up to 10 years

Compatibility

Water, Gas, Electricity and Heat meters

General information

Operating temperature: -20°C / +75°C Integrated fixation systems: DIN-Rail, tube, wall,

necklace

Dimensions: 105 x 50 x 27 mm

Weight: 80gr

Housing: IP67 (IP68 on demand) Standards: EN 300-220, EN 301-489, EN

60950

References

ARF8046PA LoRaWAN PULSE

