

Pulse560

Advanced LF Field Generator and RF Transceiver with superior penetration and range



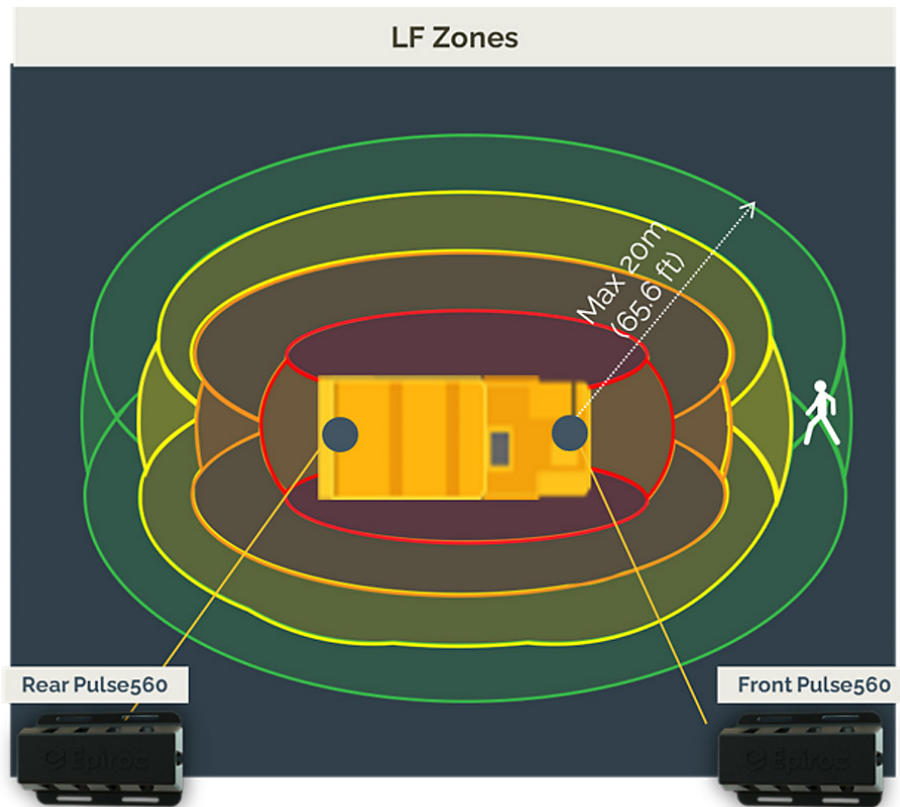
The Pulse560 is an LF field generator and RF transceiver that produces magnetic fields for pedestrian tag interpretation. It features strong rock/object penetration and generates oval-shaped fields up to 20 meters long.

Main benefits

Enhanced detection. Two sensors provide detection up to 20 meters in both front and rear, enhancing vehicle safety.

Prohibition zones. Ideal for creating prohibition zones around the vehicle, thanks to high object penetration.

Internal RF transceiver. Receives tag responses over sub-GHz RF (868/915 MHz). Enables communication between vehicles and pedestrians up to 80 meters away, improving situational awareness and safety.



Functions

- Ferrite-based magnetic field generator (field capable of penetrating rock)
- Vehicle-to-vehicle RF transceiver
- Vehicle-to-pedestrian RF transceiver
- Magnetic field receiver (System self-monitoring)

Features

- Unique identifier
- Vehicle identifier
- Data logging
- CAN FD bootloader
- NFC
- Dynamic CAN bus neighbour sensing

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