Technical specifications

Radio Specification r

Physical layer
Band : from 863MHz to 870MHz
Used channels :

CH 0 863.50 MHz
CH 3 866.50 MHz

Modulation (G)FSK
BitRate 76.8KBit/s
Deviation 32KHz
RXfilter_Bandwidth 200KHz

Working Phases:

1) Stby: the sensor transmit every 4 s a 2 ms long RF packet, the master listen.
2) Occurring obstacle: the sensor transmit from 1 to 3 times the alarm packet (2 ms long each);
3) Missing sensors: the master make a 2 times transmissions 34 ms long and 165 ms pause to 2 frequencies; then stay in listen.
4) Operate: same of point 3) when the master is switched on

If a sensor have a missing master try 4 times to 3 frequencies = 12 attempts 2 ms long each

Instructions Manual

For details, please read the annex IS0020B00MM_30-05-2017_IRW