

INFORMATION SHEET

EAGLE FREQUENCY

We hereby certify that the products from the EAGLE family (products with different configurations and customized products included) are radio transmitters operating within a frequency band from 24.050 GHz to 24.250 GHz.

This frequency band is allocated to movement detection devices in almost all the countries worldwide and is also included in the frequency table of India.

These devices are not wireless communication devices, but wireless sensor devices. They are not used for wireless communication.

Elements confirming this are:

- The sensors do not send any data of any kind.
- The carrier frequency is not modulated.

These transceivers are based on the Doppler Effect to detect any movement in the vicinity of the sensor. The principle is to send a non-modulated carrier and mix the received signal with the transmitted signal to detect any frequency difference arising from any detected moving target.

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