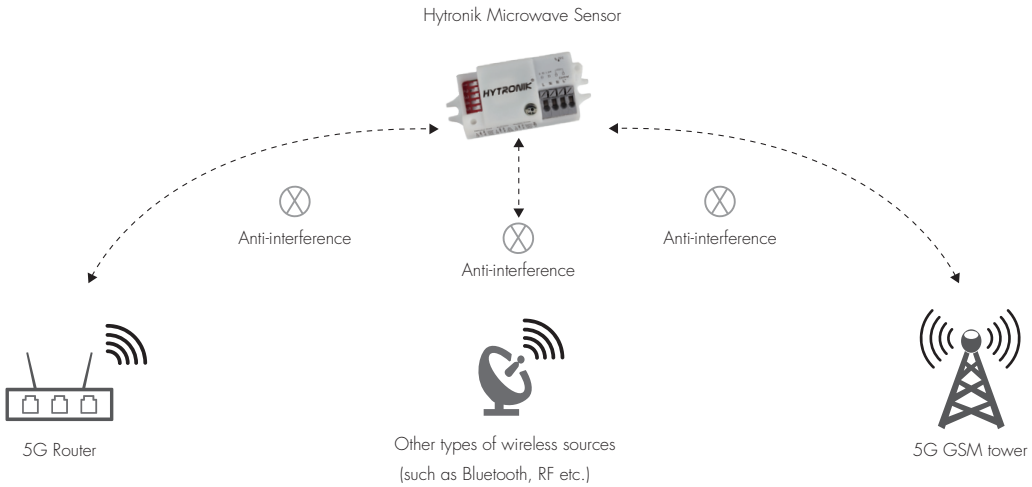
"Robust" HF Sensors — Anti-wireless Interference

Hytronik's microwave motion sensor uses 5.8GHz high frequency (HF) antenna in the product design. With the increasing density of wireless environments such as 5G GSM tower and 5G Wi-Fi coverage, this has created extra challenges for sensor's operation because the air is shared by all kinds of wireless signals, and transmissions from any device at the similar frequency could potentially cause interference. The effects of interference which can be noticed by users are usually false triggering of sensors (turning on/off erratically), or lights staying on even after hold time etc.

To get around such tough environment, Hytronik has developed a robust HF module, loaded with our own special sophiscated software algorithms. This robust HF module can withstand different types of wireless interferences in the real application. We believe this is the ultimate solution towards demanding installation environments in the future.



Thanks to the improved resistance against wireless interference, the robust HF module is compliant to the latest RED standards.

With this powerful antenna adapted in our microwave sensors, it ensures stable and accurate performance even when installed in tough wireless environments.

	5G Wi-Fi Interference	5G GSM Tower Interference	Bluetooth Interference	RF Interference
Hytronik's new robust HF sensors NEW!	High resistance	High resistance	High resistance	High resistance
Traditional normal HF sensors	Low resistance	Low resistance	Low resistance	Low resistance