

Smart Presence

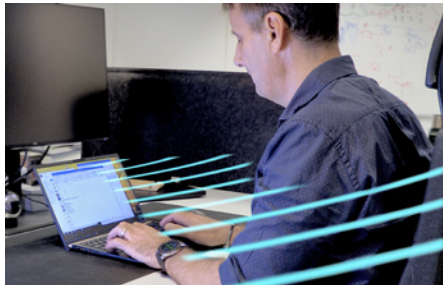
Reference Application

EXPLORE THE NEXT SENSE

Use this reference application together with the XM132 or XM131 entry modules or the XM122 IoT module to speed up development and shorten time to market for a range of smart presence use cases, such as detecting people in rooms, wake-up functionality and child presence in cars.



Predict intention as someone approaches or passes by a device



Add security by locking a computer as its user leaves the desk

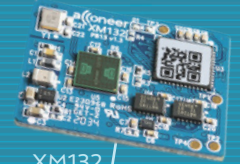
Proof of concept for smart presence use case



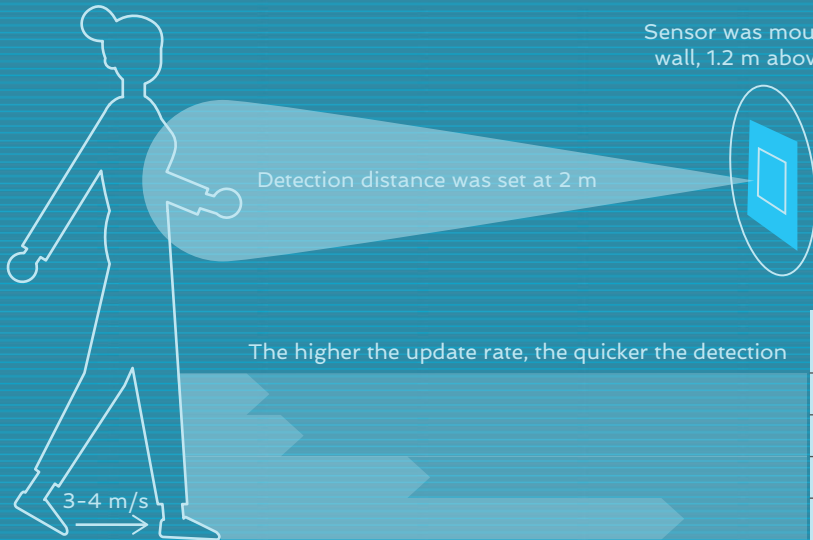
XM122



XM131



XM132



No lens was used for the reference measurements

Update rate	Power XM122	Power XM132	Power XM131	Trigger distance
10 Hz	3.45 mW	4.43 mW	4.40 mW	1700 mm
5 Hz	1.76 mW	2.23 mW	2.24 mW	1600 mm
2 Hz	0.68 mW	0.87 mW	0.97 mW	1200 mm
1 Hz	0.35 mW	0.44 mW	0.56 mW	400 mm

Memory usage

Flash	66 kB
Static memory	7kB
Stack	1.5 kB
Heap	6 kB

Download SDK including reference application at:
www.developer.acconeer.com

