

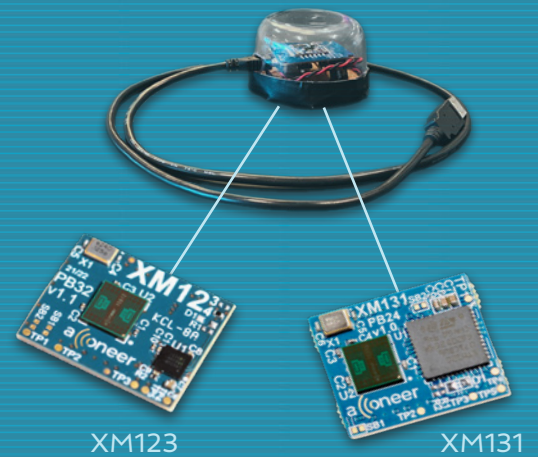
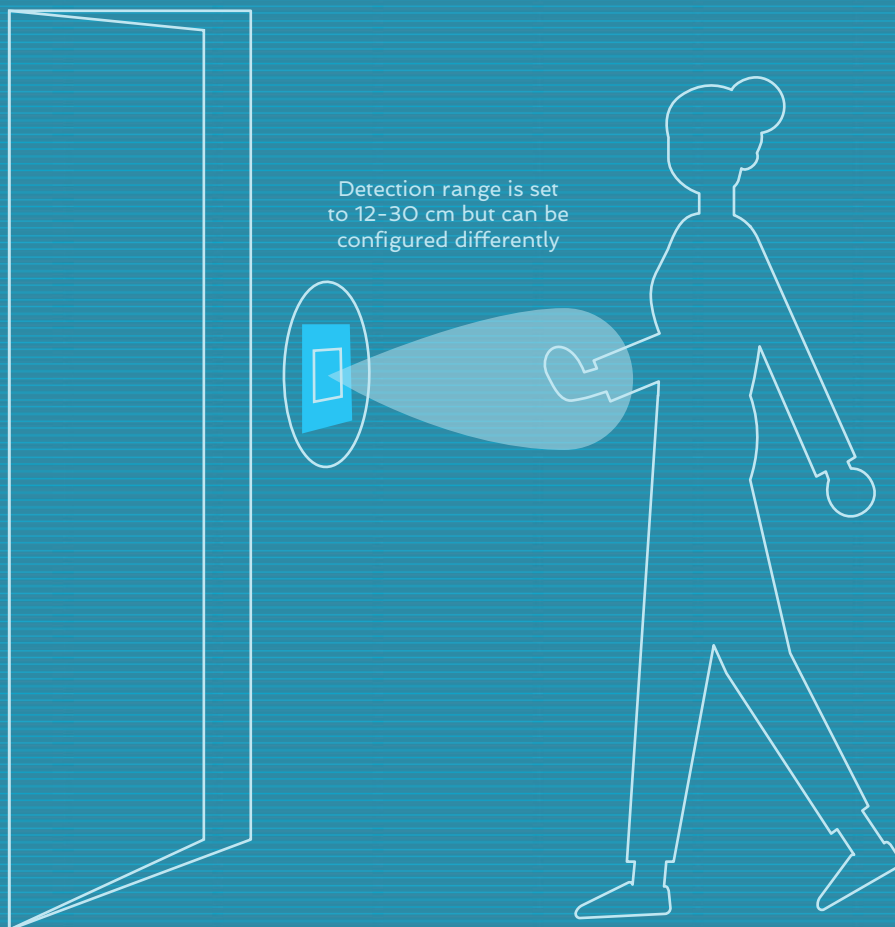
Wave to Exit

Reference Application

EXPLORE THE NEXT SENSE

This reference application can be used together with the XM123 or XM131 in order to quickly get up and running with your touchless button products. We have focused on a reliable and accurate wave-to-exit functionality.

Proof of concept
for wave-to-exit
use case



XM123

XM131

Power consumption

	XM123	XM131
Mean current	18.8 mA	18.3 mA
Voltage	2.0 V	1.8 V
Power	37.6 mW	32.5 mW

Memory usage

	XM123	XM131
Flash	107 kB	72 kB
Static memory	12.2 kB	1.5 kB
Stack	1.8 kB	1.6 kB
Heap	5.2 kB	5.2 kB

The source code for this reference application can be used as a starting point for your development, or as inspiration to something even better. The reference application is by default configured to detect waves at a distance between 12-30 cm in front of the sensor. This can easily be adjusted to fit your needs.

The update rate is set to 80 Hz in order to achieve optimal performance. This can be lowered for better power consumption.

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

