

# A111

## Pulsed Coherent Radar



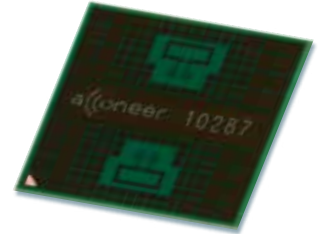
### EXPLORE THE NEXT SENSE

The A111 Pulsed Coherent Radar (PCR) sensor is optimized for high precision measurement and detection - with a small footprint and ultra-low power consumption.

The A111 PCR is based on cutting-edge patented sensor technology with picosecond time resolution, capable of measuring distance with mm accuracy up to a range of 7 meters.

Due to its small footprint the A111 PCR can be easily integrated into any portable battery-driven device, without any need for visible aperture.

The A111 radar sensor is not compromised by any natural source of interference, such as noise, dust or light.



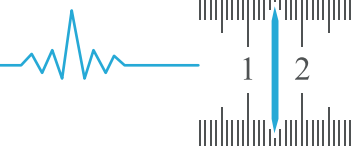
### The A111 Pulsed Coherent Radar by Acconeer

The new benchmark for mmWave radar accuracy, footprint and power consumption.

#### APPLICATIONS

##### Distance

- High precision distance measurement with high update frequency
- Single and multiple object detection
- Configurable measurement range



##### Smart Presence & Motion

- Gesture control
- Monitoring vital life signs, such as breathing and pulse
- High precision Smart presence, motion and speed detection



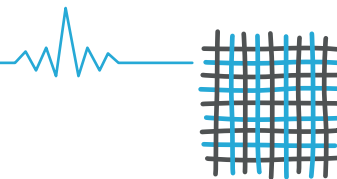
##### Position

- 2D and 3D object tracking



##### Material

- Material identification



Evaluation Kit available

