

# Millimeter-wave Radar For Pedestrian Detection

SUMITOMO ELECTRIC GROUP

# Radar for Detecting Pedestrians



## **Our technology**

- Adaptable to complex environments
- in intersections
- Detects pedestrians who are standing still
- Classifies pedestrians/bikes/vehicles
- High accuracy in wide area (60 x 30 m)

## **Experience**

Operating for warning drivers with V2X radio in Japan since 2017

#### **Features**

#### Radar for detecting pedestrians

Release in Q4 2023



pedestrian detection

compact



small size

 $4.7" \times 5.1" \times 1.4"$  [120 x 130 x 36mm]

wide area



large cover area

197' x 98' [60m x 30m] classified



high accuracy detection classified from car inexpensive



cost effective

