

## Contact Tracing Wristband Sensor

The PS181 is a discrete wristband sensor. It provides basic navigation, positioning and tracking. Monitors body temperature and alerts user if they are too close to another user, ideal for social distancing monitoring.

Haptic alerts between 2 or more wristbands when users are within 2m(6ft) of each other, as well as visual LED flashing RED when other wristbands are too close. 20,000 contact alerts are stored and history record can be easily reviewed via app.



### Key Features

Bluetooth 5 compatible

IP67

### Specification

#### Wireless Specification

Transmission Range	2m
Antenna	50ohm
Max transmit Power	40dBm
Interval	100ms to 5000ms
Range	100m

#### Power

Battery	Rechargeable Lithium
USB chargeable	5V
Charge cycle	> 1000 times
Charge time	2 hrs
Battery life	3 years
Capacity	90mAh

#### Environment

Operating temperature:	-20°C to +60°C
Working humidity	0 – 100% RH
IP rating	67

#### Material

Main body	ABS/PC
Wristband	TPU

#### Dimensions

250mm x 20.5mm x 16mm

#### Weight

24.5g



[www.prolojik.com](http://www.prolojik.com)



+44 (0) 1495 515 100



[info@prolojik.com](mailto:info@prolojik.com)



Perspective House, 7 Cliveden Office Village,  
Lancaster Road, High Wycombe, HP12 3YZ

proxima

