

# SureD!stance® SD-100

The most reliable solution  
for social distancing in the  
workplace



## The most reliable solution for social distancing in the workplace

Now that social distancing has become the new norm, companies need to provide a healthy working environment for their employees.

The problem is that keeping an adequate distance at all times is not always easy. This is why we developed SureD!stance as a simple solution to keep yourself and your co-workers safe.

SureD!stance SD-100 is a wearable clip-on device that provides employees with instant alerts when they come too close to each other (e.g. 2 meters). The devices communicate only between themselves, store no data and are not tracked by any platform or network. This ensures total privacy.

The key advantages of SureD!stance SD-100 can be summarized as follows:

### ACCURACY

Correct continuous distance measurement with accuracy of 10 centimeters triggering an Instant alert as soon as safe distance is compromised.

### RELIABILITY

Precise measurement always guaranteed. Measurement technology free of interference from humidity, body masses, structures and electronic equipment.

### PRIVACY

Anonymity is 100% protected at all times as devices are not tracked by any platform and store no data. This technology is exclusively designed to help workers to keep a safe distance.

### WEARABILITY

The SureD!stance SD-100 can be easily clipped onto a belt, worn on a helmet or carried in your pocket.

### PLUG & PLAY

No software nor any special infrastructure needs to be installed. This solution is as plug & play as it gets.

### ROBUSTNESS

The SureD!stance SD-100 is fit for heavy duty: water resistant and shock proof.



# How does SureD!stance work?

SureD!stance tags send signals at intervals of milliseconds. Other SureD!stance tags receive these signals and send a signal back.

Based on the TDO (difference in time between sending and receiving messages), the tags can determine the distance at which the other tags are located. When safe distance is compromised the tag instantly alerts the respective employees with a buzz.

SureD!stance uses UWB technology, which guarantees fast and reliable measurement free of interference.



## Comparative Analysis

	Wifi	Bluetooth	SureD!stance
Accuracy of measurement	+/- 5 meters	+/- 2 meters	+/- 10 cm
Operates without infrastructure?	No	Sometimes	Yes
Zero-interference?	No	No	Yes
Privacy guaranteed (GDPR)?	No	No	Yes

# SureD!stance SD-100

## Technical Specifications



Operating frequency	802.15.4_2011 UWB 1/2/3/4
Detection distance	More than 30 m
Detection accuracy	10 cm
Indicator	Buzzer, LED, SOS button
Power supply	Rechargeable 5V, 1100mAh Lithium battery
Battery lifetime	More than 10 hours
Battery charger	Pogo pin4
Charging time	Less than 3h
RFID	Build in ISO1443A 13.56Mhz
Material	ABS
Working temperature	-20°C to 60°C
Dimension	78x60x21 mm
Durability (IP rating)	IP67 (waterproof & shock resistant)
Weight	75g
Distance configuration	Standard 2 meters (adjustable on demand)

## Providing Practical State-Of-The-Art Solutions

Since 2007, we have established ourselves as a leading specialist in the field of automatic identification.

We design, deliver, build and maintain complete solutions for logistics optimization processes.

We leverage our extensive expertise into robust and flexible industry solutions.





## Contact Us For More Information

VIA OUR WEBSITE

Or send us an email to [safe@suredistance.com](mailto:safe@suredistance.com)