Clearview Intelligence

Keep a distance
Keep staff safe
Track and trace

Datasheet

EGOPro

Social distancing tag

Maintaining a safe distance is a key message in the fight against the current pandemic.

It remains essential to socially distance and avoid close proximity at work and in social gatherings, and this does not look to be changing in the near future.
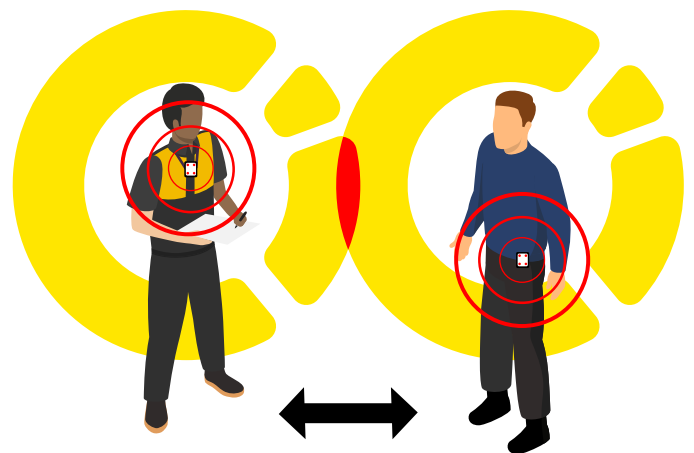
The EGOPro solution is a wearable tag that is configured to vibrate and flash when people breach the recommended safe distance.

Normal mode   Alarm mode

Key Benefits

- Enables organisations to support their workforce during the current pandemic and beyond by alerting staff to safe distance breaches.

- Reassures staff that there is a system in place to support them in maintaining a safe distance from their colleagues.

- Cost effective management of work force and easy to use track and trace system.

Supplied with three attachments allowing it to be worn around either the neck, on a clip or on a band.

Key Features

- Superior accuracy on measuring distance between tags and users.

- Rugged and reliable device that can easily be worn by the user.

- Audible vibration and flashing LEDs to warn users of safety distance breech.

- If the minimum safety distance is exceeded, the tag enters the warning mode and lights up and vibrates.

- Configurable minimum distance and warning frequency to comply with current advice.

- Tags can be re-charged through a wireless charger and operate for 12 hours between charges.

- Up to 4 tags can be picked up and recorded by a tag for track and trace in a single instance.

- The tag can be sanitised for total safety.

- The tag is ergonomically small and supplied with three attachments allowing it to be worn around either the neck, on a clip or on a band.

Warning and contact signals – application example

Warning – When two users equipped with the tags come closer than the minimum safety distance as configured on the tag (Typical 1.8 m), both tags vibrate and the 4 red LED's flash intermittently at the four corners of the tag. After the first warning alarm, the tag vibrates at 6 sec, 15 sec ,30 sec and 45 sec intervals for the first minute until the users go beyond the minimum range.

Reminder – After the first sequence of warning alarms, the tag enters reminder mode and warns of the danger at regular intervals which can be configured.

Reporting happened–Contact – A constant red LED will light up and the closest tag/s number/s will be saved if 2-5 tag users are within the minimum allowed distance for an extended period of time as configured in the tags. The red LED will stay on until the tag has been put on the charger. This signals that at least one dangerous condition has occurred for that user.

Track and Trace

The EGOPro Social distancing tag provides a simple but effective way to Track and Trace in a work environment. The tag saves the details of up to 4 different tags, in a single instance, that have been in close proximity to the wearer's tag if it exceeds the contact time.

The tag will save contact details until the data is downloaded from the tag. Data can be downloaded through the configurator tool with the help of the EGOPro Social Distancing Configuration PC utility in .CSV format. A tag can save up to a maximum 1000 tag contact details.

Status reports

- Green LED flashing every 2 seconds - the tag is working normally.

- Green LED flashing every 0.3 seconds - the tag's battery is running low (must be charged).

- Green LED off - there is not enough charge on the battery for the tag to be operational.

- 4 fixed Red LED's - the tag is charging (the LEDs turn off after tags are fully charged).

- 1 fixed Red LED – reporting/contact has happened

- 4 flashing Red LED's – minimum safety distance breached warning (can be turned off in settings).

- Blue LED flashing - configurator is configuring the device or downloading contact data from the tag.

Tag management and configuration accessories

- **Wireless Charger** – charge the tag battery and Switch ON a tag.

- **Blocker** – Switch OFF a tag

- **Configurator and QR code reader** – configure and change settings on a tag.

- **EGOPro Social Distancing Configuration PC utility**

Specification

Weight	80g
Dimensions	50 mm x 66 mm x 31mm
Power	Rechargeable battery
Battery Life	Up to 12 Hours
Time required for full charging	3-4 hours

Operating temperature range	-10ºC - +60ºC (0ºC - +45ºC while charging)
Environmental Protection	IP55
Wireless range	Programmable up to 50 m
Alarm signals	Vibration and Flashing LEDs

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