


Professional wearables

Activinsights



**Lifestyle
measurement
and insight
for better
health and
performance**

Activinsights deliver patient lifestyle insight to healthcare professionals using validated wearables.

The global challenges of heart and respiratory diseases, obesity, diabetes and ageing populations are pushing all countries to develop new models of healthcare provision. Lifestyle has a predominant impact across all these areas and is critical to any preventative healthcare strategy.

We work directly with researchers and practitioners, managing and analysing complex behavioural data to improve health and performance.



The original
wrist-worn,
raw data
accelerometer
for research

Deploying devices

Professional wearables have a beneficial role in a wide range of applications from behaviour change to sports science.

We have deployed devices in numerous research studies, interventions and large international cohorts with over 10,000 subjects.

Lifestyle measurement is fundamental in understanding the intricacies of people's daily lives and how behaviours impact health.

Our professional wearables are fully waterproof, robust, well accepted by patients and achieve excellent wear compliance. They provide objective behavioural monitoring solutions for healthcare professionals, academic institutions, professional sports clubs, sleep centres and researchers all over the world.

Deploying devices

GENEActiv measures movement, light and temperature as unfiltered raw data and is uniquely suited for research and algorithm development.

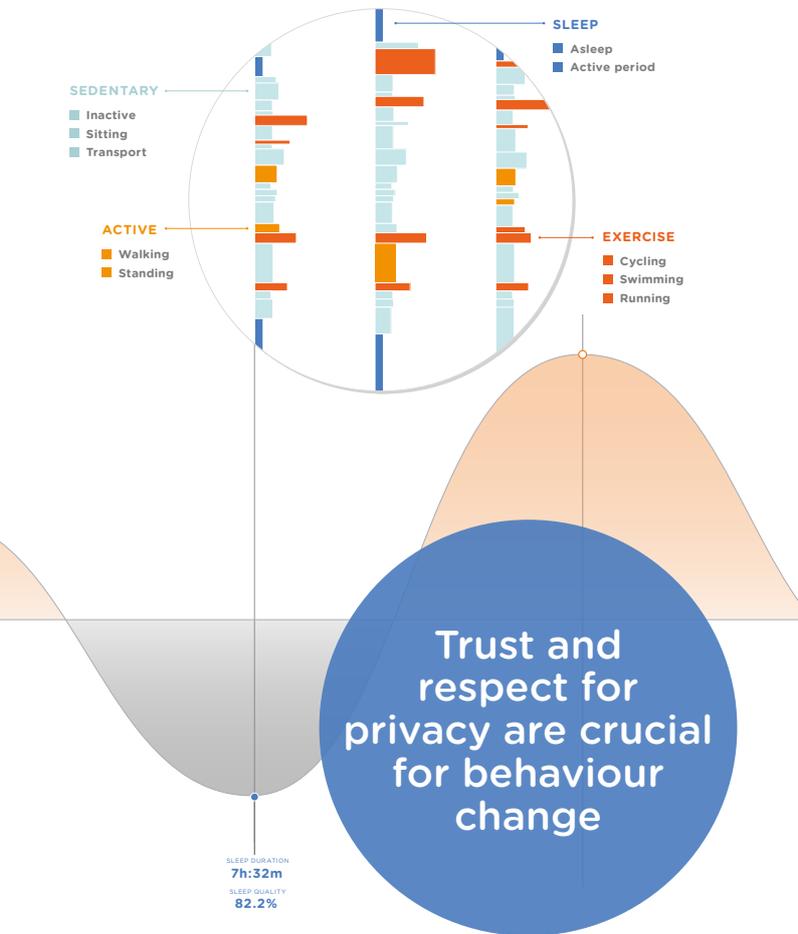
It has the capability to detect any motion-based outcome or symptom, for example, general activity, tremor or posture. It will record for up to a month, depending on selected measurement frequency, and is managed via a dedicated USB cradle.

The Activinsights Band is designed as a convenient lifestyle analysis tool and for longer-term interventions. It has wireless communications and runs for up to a year with no charging. The device embodies techniques based on established research to determine a wide range of everyday behaviours.

Activinsights Band



**A low risk,
cost effective
diagnostic and
management
intervention
tool**



Managing data

We use transparent, open data protocols in all our products and services.

The raw data output in SI units of GENEActiv gives complete flexibility and choice over data analysis. This is essential for data set compatibility and future-proofing of longitudinal studies. We support the research community with open analysis tools and SDKs.

The Activinsights Band uses the Coelition global standard to give confidence and security to both patients and practitioners. The system is based on behavioural event coding for interoperability with any measurement system or connected device.



Coelition

Lifestyle insight
is central to
the provision
of personalised
medicine

ESTIMATE CALORIE
EXPENDITURE
933
STEPS TODAY
12655

Number of sessions of moderate activity lasting
30 minutes or more



Number of sessions of vigorous activity lasting
10 minutes or more in period (1 week)



Manage, Educate
& Motivate

Delivering insight

Activinsights provide the tools to measure patient behaviours accurately in a wide range of applications.

Our in-depth knowledge of lifestyle analysis enables us to deliver reports and visualisations to healthcare professionals. This new layer of insight supports the management of conditions such as obesity, diabetes, COPD, cardiac rehabilitation and sleep disorders.

Scientifically validated, professional wearables deliver greater insight into sedentary behaviours and physical activity. These are important elements in driving behaviour change and ultimately having a positive impact on global health. Objective measurement will help to empower healthcare professionals to educate patients and improve health – delivering a preventative healthcare strategy for the future.

Since 2008, Activinsights have used lifestyle insight from wearables and connected devices to support healthcare services in over 50 countries around the world. Our technologies and data analysis approaches are supported by over 200 peer-reviewed scientific papers. Activinsights manufacture in England and is a privately held company based in Cambridgeshire, UK.

www.activinsights.com

+44 (0)1480 862 082
Info@activinsights.com

6 Nene Road
Bicton Industrial Park
Kimbolton
Cambridgeshire
PE28 0LF, UK