

ActivInsights' offer two UK-manufactured wearables, made to medical grade standards that have been meticulously designed and validated for continuous remote monitoring, delivering activity, sleep, and lifestyle insights. The GENEActiv is suitable for optimal raw data collection and open-source analysis. The ActivInsights Band is ideal for long-term, community-based deployment where real-time lifestyle analytics are required.

	 	 
Sensor outputs	Acceleration, light and temperature data up to 100Hz	Behavioural event output inferred from acceleration (sit, stand, walk, sleep, etc.)
Connectivity	Set-up through USB cradle on PC or Android and download to PC	Wireless set-up on PC with download through PC or Android in field
Data format	High resolution, raw SI unit data in an open format	Open COEL atom format with behaviour type, duration, intensity and characterisation
Data storage	Sovereign data store or use of ActivInsights' cloud store	Privacy-by-design pseudonymous cloud data engine to COEL standard
Data analytics	Raw data analytics using proprietary, customised or open-source data analytics tools (e.g. R)	Standardised and customised reports available through the ActivInsights data server client app and API
Battery life	2 weeks to 2 months	1 year with no charging needed
Data capacity	1 Gb	~ 3 weeks of wear
Waterproof	Yes	Yes
Body locations	Wrist, upper arm, chest, waist, thigh, ankle	Wrist
Approvals	FDA 510(k) exempt, European Class 1 medical device	CE Marked
Size and weight	40mm wide x 13mm deep 27g (16g without strap)	23mm wide x 13mm deep 25g
Operating temperature	5 – 40 Degrees Celcius	5 – 40 Degrees Celcius
Warranty	1 year	1 year