Motast Core One Smartwatch (Zemyee Life) Powered by WBD101 ActivHearts™: Well Being Digital use in Next Gen Smartwatches

After WBD101 Perfected ActivHearts™ Biometric Algorithm on Tiny, Uneven Skin Surfaces - Next Gen Motast Core One Smartwatch uses WBD101 ActivHearts™ for Better Optical Sensing, Power Savings and Accuracy



Hong Kong, Hong Kong S.A.R. Nov 22, 2026 (Issuewire.com) - Well Being Digital (WBD101), the pioneer behind biometric sensing in millions of earbuds for 20+ global brands, enables

next generation Motast smartwatch with better optical sensing to reduce light leakage, power savings and accuracy. Smartwatches today may still suffer from inaccuracy due to bad optical simulation, packed LEDs that interfere with each other, loose wearing habits or simply biometric algorithm that aren't validated by third party trial partners according to a Linkedin post that got 300,000 views https://lnkd.in/p/emPhDSkP. Along with Motast's launch of the Core One Smartwatch (Zemyee Life App), WBD101 raises the bar for affordably priced smartwatches to have the same level of accuracy as their more expensive competitors, bringing actionable data to more users.

- Motast Core One Raises the Bar with Continuous 24/7 Biometric Sensing at Higher Sampling Rate

The Motast Core One combines a multi-color LED system (Green, Red and Infrared) ActivHearts™ technology with ZemPulse™ WB. Aligned with the latest industry trend toward continuous 24/7 biometric monitoring at increased sampling rate, Core One brings lab-level recovery and resilience insights to everyday users. Wrapped in a 60Hz TFT (320x386) high-gloss aluminium design with closed-loop stress management and AI running coaching, Core One delivers features previously exclusive to top-tier brands to a much wider audience.

- WBD101 Brings Lab-Level Accuracy for Mass Market Smartwatches

"Smartwatch vital signs are typically accurate only when the strap is tightly fastened — a condition consumers rarely maintain," says Kow Ping, Co-Founder & Executive Director of WBD101 (https://www.linkedin.com/in/kowping/) "WBD101 reputation at solving wearables' hardest optical challenge: accurate sensing on tiny, curved skin surfaces like the ear, without a hook or a strap, helped the Motast Core One get significantly more accurate even when compared to more expensive smartwatch brands".

- WBD101 Eliminates Phantom Data: No Fake Readings

As more LEDs are added to smartwatches to track more vitals, this in turn introduces greater optical reflection, signal interference and false readings" says Wallace Wong, Co-Founder and CTO of WBD101 (https://www.linkedin.com/in/wallace-wong-4157531/) "Our patented multi-lightpaths ActivHearts™ technology uses red, green and infrared LEDs to ensure that there will be sufficient accurate biometric data across the curved surfaces of the wrist under different depths below the skin".

- WBD101 Builds the Trusted Biometric Sensing Foundation for Healthcare Physical AI

As wearables increasingly serve as the hardware entry point for healthcare Physical Agentic AI, the value of AI diagnostics depends entirely on the accuracy of the underlying vital signs. Inaccurate biometric data leads to flawed AI insights. With this first launch of the Motast Core One Smartwatch, WBD101 is bringing its proven, highly robust biometric sensing technology from the ear to the wrist to provide that trusted foundation for smartwatches. Building on this milestone, WBD101 is now expanding its ActivHearts™ roadmap to include more form factors — including screenless bands — for continuous, lab-level monitoring.

Motast Core One (With Zemyee Life Apps) is available in these regions:

Amazon USA: https://www.amazon.com/Motast-Smartwatch-Waterproof-Fitness-Activity/dp/B0H3TH7NPY

The Motast Core One Smartwatch is also available in Amazon Germany/Spain/Italy/UK.

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About Well Being Digital (WBD101)
Founded in 2012, WBD101 is a Hong Kong based company whose first patents are dated back to 2008, incubated by the Hong Kong Science and Technology Parks Corporation (HKSTP), it has teams in Hong Kong SAR, Shenzhen China and Singapore to provide very timely support to B2B customers during their product designs, testing and production stages. WBD101 provides Optical Designs (OpticalFusion) and Health-Sensing Algorithm (ActivHearts™ and Mogo™) to earbuds / smartwatches / screenless bands / rings looking to add very accurate vital sensing, it also co-develops Bluetooth SDK with brands to enable optimized Bluetooth IC resources. WBD101's technology has been licensed by several consumer earbud brands and many others in the Fitness/HealthTech/MedTech space.

Over the years, WBD101 won numerous international awards including the Best Wearable Mobile Tech Awards at the Mobile World Congress 2016, Special & Gold Awards at the 43rd Geneva Inventions Conventions, 2016 WITSA Global ICT Award, the inaugural HK City I&T Grand Challenge Innovation Award in 2022 and the 2025 EE Innovation R&D Award (Most Promising Product).

WBD101 has been awarded a Designated Local Research Institute by the Hong Kong SAR Government, and Well Being Digital, WBD101, ActivHearts™, Mogo™, its Co-Founders or products with its technology has been used and mentioned in published Scientific Papers. Visit https://www.wbd101.net/blog

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About Zemyee Life
Zemyee Life is a companion app designed to connect and manage Zemyee and related smart devices, offering seamless Bluetooth pairing, device control, and personalized user experiences. It features a rich library of white noise and AI-generated audio, along with data visualization tools for supported wellness devices.

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