

Casio to Release First G-SHOCK Smartwatch with Wear OS by Google

G-SQUAD PRO Model with Support for a Variety of Sports



GSW-H1000-1ER

Hamburg, April 1, 2021 — Casio Computer Co., Ltd. announced today the release of the GSW-H1000, a G-SQUAD PRO smartwatch powered by Wear OS by Google™ and packed with functions that help you stay fit using activity goals and fitness tracking. The GSW-H1000 is the latest addition to the sporty G-SQUAD line of shock-resistant G-SHOCK watches.

The new smartwatch is built with all the toughness of a G-SHOCK, with shock resistance and 200-meter water resistance. It is also the first G-SHOCK smartwatch to run on Wear OS by Google. As the flagship product of the sports-focused G-SQUAD line, the GSW-H1000 is great for use in a wide range of athletic settings—from activities like running, indoor workouts, road biking, and swimming, to more extreme pursuits like surfing and snowboarding.

The new watch has an optical sensor to measure heart rate, as well as a compass, altitude/air pressure sensor, accelerometer, gyrometer, GPS functionality and more. This powerful hardware profile enables the watch to capture the data on distance, speed and pace which is so useful for people doing physical training. The dual-layer monochrome and color display features an interface with a three-tier layout that users can customize to suit their goals, putting multiple data points at their fingertips, easily accessible at a glance.

The design of the GSW-H1000 also delivers an uncompromising commitment to wearability, with a soft urethane band that provides flexibility and durability, as well as special components employed between the band and case to ensure a very comfortable fit.



GSW-H1000-1ER

Characteristic G-SHOCK toughness

Built to offer all the unique, original shock resistance of a G-SHOCK, plus water resistance, the GSW-H1000 also includes a microphone, charging terminal and more. Even while using glass thick enough to ensure 200-meter water resistance, the screen still facilitates smooth touch-sensitive control. The case back, made of titanium, ensures excellent corrosion resistance and has a titanium carbide finish to provide enhanced abrasion resistance.



Side view of the GSW-H1000-1ER

Support for a variety of sports

The Casio original app built into the watch provides support for 15 activities and 24 indoor workout options.* In addition to an optical sensor to measure heart rate, the watch has a compass, altitude/air pressure sensor, accelerometer and gyrometer. This hardware capability, employed along with the GPS location information the watch acquires from satellites, enables the watch to capture data such as route traveled, distance and speed — all very useful for people engaged in a broad range of sports.

* Up to 8 original indoor workouts can be added to supplement the 24 preloaded options.



Running



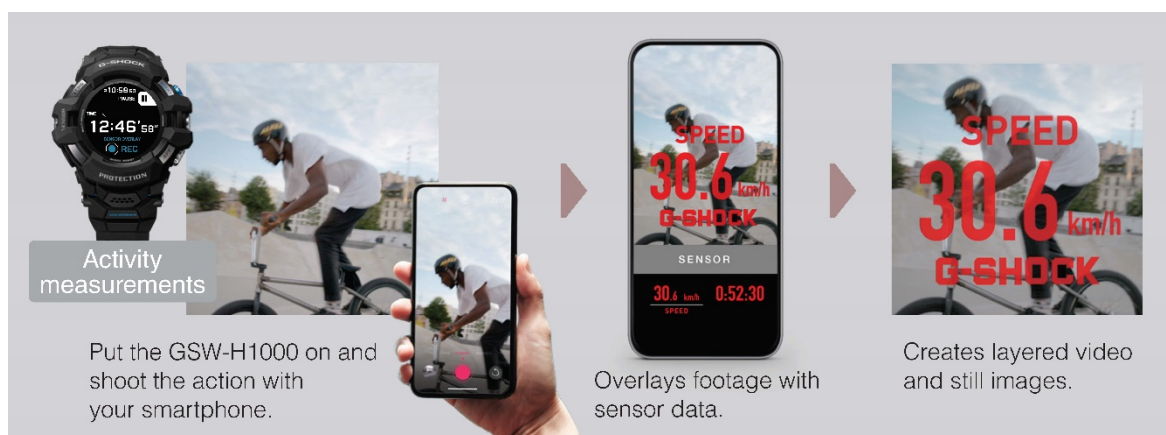
Road bike

Powered with Wear OS by Google

With Wear OS by Google, the GSW-H1000 comes loaded with a variety of Google apps and services designed for the watch. Users can get help on the go from Google Assistant and track important activity metrics with Google Fit. They can also choose from thousands of apps available on Google Play and access important information at a glance, like messages and phone calls, notifications, agenda, weather forecast, and more.

Pairs with the G-SHOCK MOVE smartphone app

Various logs useful for training — from activity history and analysis to progress reports and more — are easy to track thanks to the G-SHOCK MOVE smartphone app's data management features. The all-new Sensor Overlay function allows users to combine video and still images of their activities with data captured by the watch in order to create layered visual media to share on social media.



The Sensor Overlay process

Display options for every setting

The watch's dual-layer display combines a monochrome, always-on LCD for time display and a color LCD for high-definition display of maps, sensor data and more. The three-tier display layout also enables customization, with hundreds of different data display possibilities and the option of analog display as well. This display flexibility makes the watch easily adaptable for use in all sorts of settings. Just use the special "CASIO'S APPS" menu to switch among various functions, and then intuitively swipe to operate.



Dual-layer display



Multi-information display

©Mapbox ©OpenStreetMap

* App screens may differ in official release.

Main Specifications of the GSW-H1000

Construction	Shock-resistant
Water Resistance	200 meters ^{*3}
Display	1.2-inch dual layer display Color TFT LCD and monochrome LCD Color: 360×360 pixels
Touchscreen	Capacitive touchscreen (anti-fouling coating)
GPS	Yes (including GLONASS and MICHIBIKI (QZSS))
Color Maps	Yes (supports offline use, saving up to 5 locations)
Sensors	Pressure (air pressure, altitude) sensor, accelerometer, gyrometer, compass (magnetic) sensor, optical sensor (PPG Heart Rate)
Microphone	Yes
Vibrator	Yes
Wireless Connectivity	Bluetooth® V4.2 (Low Energy); Wi-Fi (IEEE 802.11 b/g/n)
Buttons	Power button, APP button, START button
Battery	Lithium-ion battery
Charging Method	Magnetic charging terminal
Recharging Time	Approx. 3 hours at room temperature
Battery Life	Normal use (color display): approx. 1.5 days, roughly ^{*4} Multi Timepiece Mode (timekeeping and sensors only): 1 month, roughly ^{*5} (Varies according to use)
Size of Case	Approx. 65.6×56.3×19.5mm (H×W×D) ^{*6}
Weight	Approx. 103g (including wristband)
OS	Wear OS by Google
Compatibility	Wear OS by Google works with phones running the latest version of Android (excluding Go edition and phones without Google Play Store) or iOS. ^{*7}

*3. Based on in-house test by Casio.

*4. Color display auto OFF: When "Always have screen ON" is disabled in the screen settings. When the watch is not in use, the display switches to monochrome to extend battery life.

*5. When using the watch and sensors only in Multi-Timepiece mode, Wear OS by Google is disabled.

*6. Depth with sensor protrusion included: approx. 21.3mm.

*7. Supported features may vary between platforms and countries with compatibility subject to change.

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