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Gear S2

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Circular style
Perfect shape and form

The Gear S2 uses high-quality, authentic materials and a circular design to embody modern aesthetics and elegance. The result is a compact smartwatch that stand out in the crowd.

Traditionally, a circle symbolizes completeness and geometric perfection. This symbolism is also practical and the Gear S2 uses a circular design to make the watch easy and intuitive to use. A simple feature, like the rotating bezel on the watch, makes access and navigation easy. The Gear S2 introduces many other useful features that will make a big difference in our everyday lives.

The most important goal of your Gear S2 is to be ready to personally assist you 24/7. Just glance at your wrist and you can monitor your messages and notifications. You can also recognize and record small changes in your physical wellbeing to promote a healthier lifestyle.

With a minimal and intuitive design, the Gear S2 integrates mobile usability and technology to guarantee a better, more convenient tomorrow.

USP list

Aesthetic and elegant design

- Circular design that implies completeness and perfection
- Minimalist aesthetics
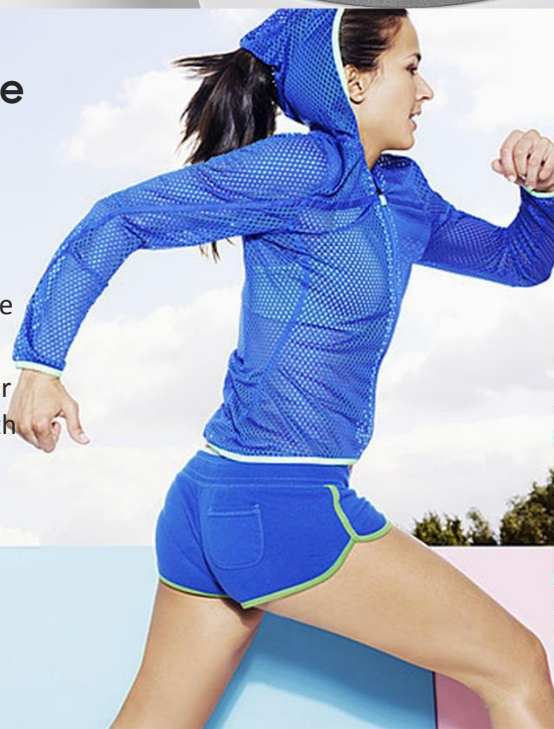- High-quality and authentic materials

Intuitive experience

- New smartwatch design and experience
- Quicker and easier interface accessibility
- Physical interaction without obstructing the screen
- Convenient monitoring of notifications and messages

Healthier lifestyle

- Automatically detects your level of physical activity
- Automatically records your fitness data in the activity log 24/7
- Encourages a healthier lifestyle through health clock options

Other functions

- Long battery life and easy charging
- Hands-free payment system
- A wide selection of watch faces
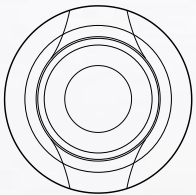- Design it yourself - customizable watch face

AESTHETIC AND ELEGANT DESIGN

The Gear S2 features a minimal and intuitive design for creating a sophisticated, modern look and a sensory-rich experience. High-quality materials add a premium feel to the Gear S2.

- **Circular design that symbolizes completeness and perfection**
- **Minimalist aesthetics**
- **High-quality and authentic materials**
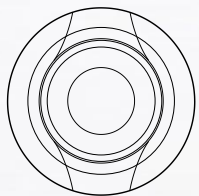
Circular design

IP68

Increased durability

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AESTHETIC AND ELEGANT DESIGN

The Gear S2 features a minimal and intuitive design for creating a sophisticated, modern look and a sensory-rich experience. High-quality materials add a premium feel to the Gear S2.

- **Circular design that symbolizes completeness and perfection**
- **Minimalist aesthetics**
- **High-quality and authentic materials**

Circular
design

IP68

Increased
durability

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Circular design that symbolizes completeness and perfection

The circle symbolizes completeness and geometric perfection. A circle is a precise shape that can be easily adapted to be physically comfortable when it is used with wearable items. Inspiration for the design and functionality of the Gear S2 was drawn from the symbolic and geometric properties of the circular form. The result is a balanced design, enhanced functionality, and increased usability - all ready for you to experience with the Gear S2.
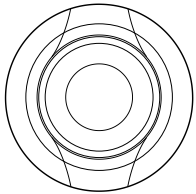
Circular design

USP 1 AESTHETIC AND ELEGANT DESIGN

—

Minimalist aesthetics

Inspired by the circular design of classical wristwatches, the Gear S2 completes its design with modern, minimalist touches. The timeless minimalist aesthetic is achieved by reducing rather than adding,

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High-quality and authentic materials

Manufactured using stainless steel and high-strength glass, the body of the Gear S2 projects sophistication. The materials used are practical too and will prevent everyday damage and scratches. The Gear S2 has also received the IP68 certification for dust and water resistance. A elastomer or leather wristband is fitted for comfort and style.

IP68

Increased durability

Gorilla3 glass

Stainless steel

Elastomer or Leather

Intuitive experience

What makes the Gear S2 so special is the innovative and intuitive user interface.
Experience a new level of convenience from a smartwatch interface incorporating
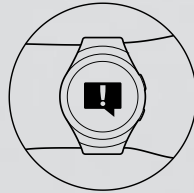classic design elements used in traditional wristwatches.

- **New smartwatch design and experience**
- **Quicker and easier interface accessibility**
- **Physical interaction without obstructing the screen**
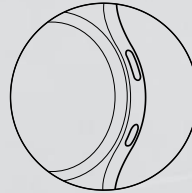- **Convenient monitoring of notifications and messages**

Rotating
bezel

Unobstruct
ed interface

Convenient
notifications

Side
buttons

New smartwatch design and experience

The Gear S2 is a smartwatch that integrates a classic watch design with modern, digital technology. The side buttons accelerates your interaction with the smartwatch and the rotating bezel on the edge of the circular watch face provides unobstructed and quick interaction and usability. Enjoy access to technology and information on your wrist.

Rotating bezel
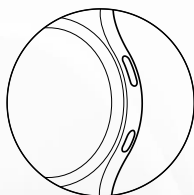
Side buttons

Back button

Home button

Peter

Hey, where are you?

Reply

Apps

Buddy

S Voice

Settings

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Quicker and easier interface accessibility

Touch screen technology definitely makes it easier for users to access device interfaces. But, a touch screen for a small screen, like that on a smartwatch, is not suitable for full functionality and user interaction. To resolve this, The Gear S2 includes a rotating bezel around the face of the smartwatch. Now you don't need to touch the small screen for all actions and you can rotate the bezel for quick navigation.

Rotating bezel

Touch 3

One swipe

Two swipes

Three swipes

Apps
Voice
Buddy
Settings

102 steps
1% achieved
M T W T F S S

2
Friday
Project meeting
10:00 AM - 11:00 AM

Rotate bezel 1

Just one rotation (45°*)

Buddy
Settings

2 steps
achieved
T F S S

2
Friday
meeting
- 11:00 AM

* 1 click = 15°

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Physical interaction without obstructing the screen

We all know what it is like to be at the cinema when someone in front of you blocks your view of the movie. This can also happen when you are controlling a smartwatch especially if the watch has a small screen. Your fingers inevitably block the screen when you are accessing the interface. To resolve this, we added a rotating bezel to minimize interaction between your finger and the screen. We want you to experience a full screen view as much as possible.
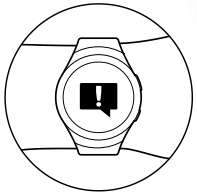
Unobstructed
interface

VS

# Convenient monitoring of notifications and messages

It is as simple as checking the time on your watch to check for new messages and notifications. While you are checking you can also choose from multiple communication methods to reply. You no longer need to take your smartphone out of your pocket or bag to check and reply to messages.

Convenient notifications

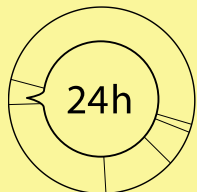When you receive a notification, just raise your wrist to immediately view the details.

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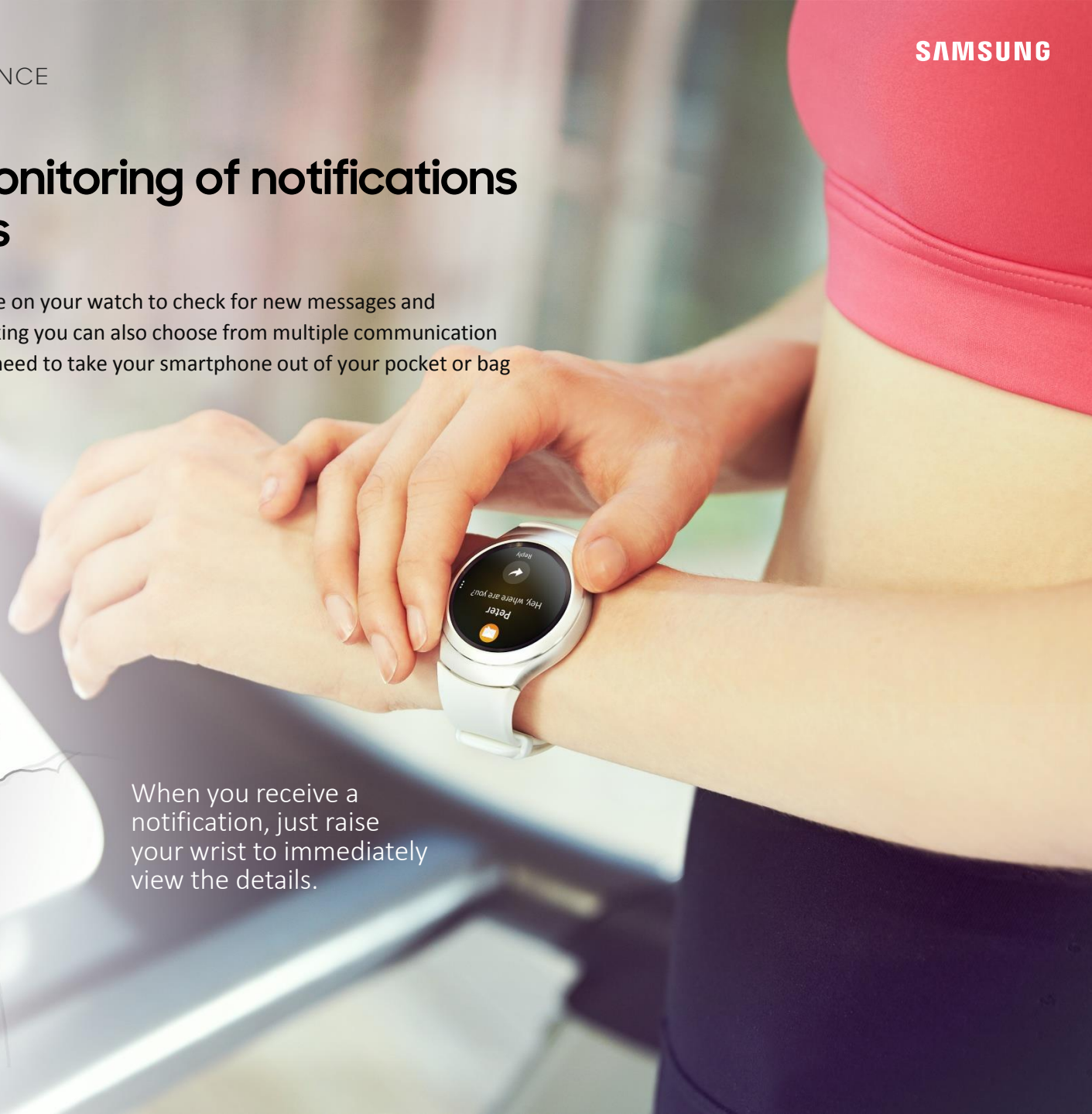
HEALTHIER LIFESTYLE

You have so much going on in your life that requires your attention that it is easy to forget investing time on your health and fitness. To help make it easy to remember to exercise and track your physical activity, use the features on your Gear S2 to get started and maintain a healthier lifestyle.
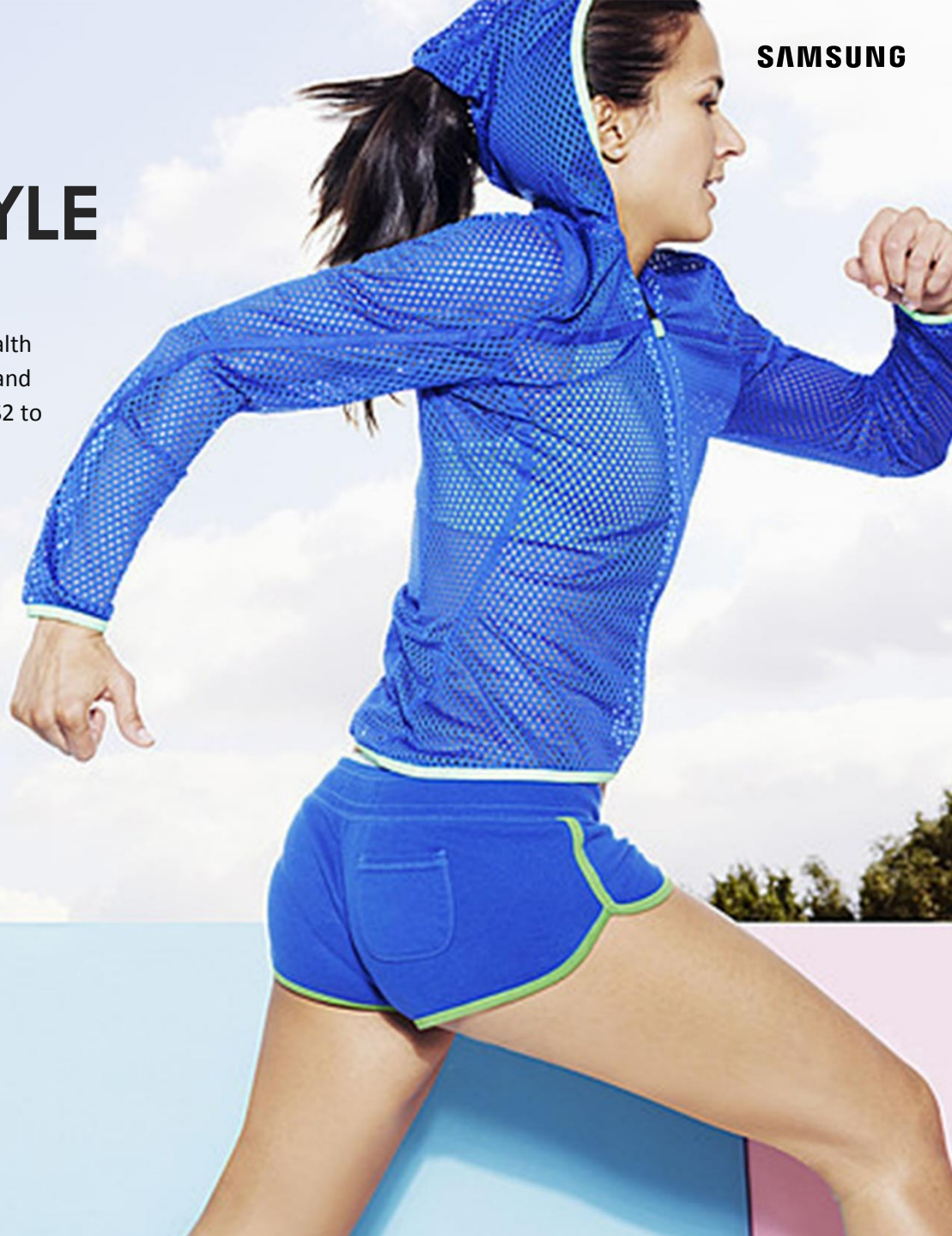
- **Automatically detects your level of physical activity**
- **Automatically records your fitness data in the activity log 24/7**
- **Encourages a healthier lifestyle through health clock options**

Automatic
detection

24h activity
log

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Automatic detection of your physical activity

We all know that it is important to plan and maintain our health and fitness. Apps and smartwatches are helpful but they can be a nuisance to configure, adjust, and record values each time you exercise. Well, we have good news! The Gear S2 automatically detects and records your physical activity. The data is collected to motivate and encourage you to exercise more and maintain a healthy lifestyle.

Automatic detection

Automatic movement detection
Detects your physical activity and prompts you to move more.

Automatic exercise detection
Notifies you and records fitness data when you exercise for more than 10 minutes.
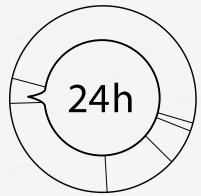
Automatic heart rate measurement*
Measures your heart rate every 10 minutes and provides a chart that displays the results.

Distance 1.56 km
Calories 113 kcal
Duration 00:11:02
Heart rate 146 bpm
Speed 13.00 km/h

* While you are relaxing your heart rate (HR) is referred to as Resting HR. If your Resting HR is low it indicates that you are healthy. Resting HR is automatically measured every 10 minutes while you are stationary but is not measured when you start moving.

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Automatically records your fitness data in the activity log 24/7

The Gear S2 tracks your activity throughout the day and identifies the type of activity by using different colors. The color codes are a useful tool that makes it is easy to see how your activity types are split and your level of exercise for the day. You can also view detailed activity information by time.

24h 24h activity log

Previous logs

Today's summary

Healthy active time
(Healthy pace* and exercise)

Light active time
(Casual activity)

Inactive time
(No activity)

Heart rate measurements

48:35
125 kcal
18:50~19:15
Today

* Healthy pace: For example, a brisk walk for more than 10 minutes

Encourages a healthier lifestyle through health clock options

To check if you are getting enough exercise, simply look at the screen on the Gear S2. By setting the health clock, you can check at a quick glance how much time has been detected as active and inactive for the day.

Inactivity Timer
More particles appear when you get more active.

Still vs. move oil
As your activity level increases, the colored area on the clock face gets bigger.

Still vs. move wall

Heart rate pixel
The color of the heart on the screen changes according to your HR status.

Heart rate trend
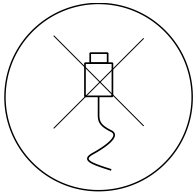Measured HR records appear. (Average/Minimum/Maximum)

OTHER FUNCTIONS

Your Gear S2 has more than a great design and an intuitive interface. The Gear S2 adds value in other ways.

- **Long battery life and easy charging**
- **Hands-free payment system**
- **A wide selection of watch faces**
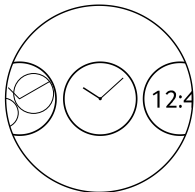- **Design it yourself - customizable watch face**
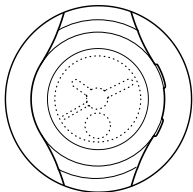
2-3 days

Long
battery life
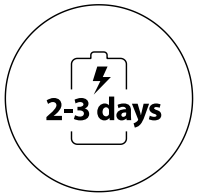
Wireless
charging

NFC

Samsung
pay

12:4
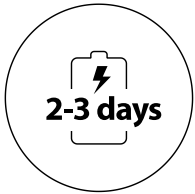
Various watch
faces

Customizable
watch face
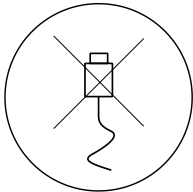
Long battery life and easy charging

Don't worry about your Gear S2's battery as it will provide 2-3 days of operation on a single charge. No cables are necessary and all you need to do is to place your Gear S2 onto the charging dock.

2-3 days

Long
battery life

Wireless
charging

Competitor (LO)   **Gear S2**

205mAh   250mAh

Typical use   1.9 days
                2.7 days

Low use   4 days
            5 days

87 %
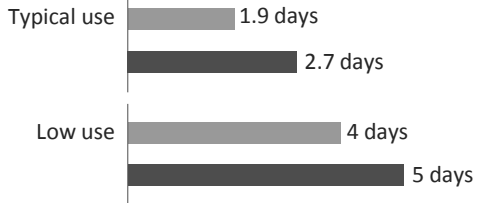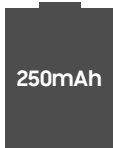
* This data was compiled from testing performed by Samsung under specified test conditions.
   Results may vary based on testing conditions.

Hands-free payment system

There is no need to carry a heavy wallet full of cash and credit cards anymore. Forgetting your wallet is no longer a problem or avoid losing your wallet altogether by simply leaving it at home. With the Gear S2, making a payment has never been easier. All you need to do is to simply select a card on your smartwatch and present at an NFC reader.
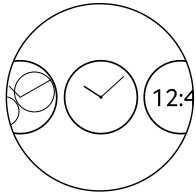
Samsung pay

A wide selection of watch faces

You can transform the look of your Gear S2 by choosing from the wide selection of watch face designs. Various designs can make your Gear S2 more individual and can be flexible for various situations.

Various watch faces

Design it yourself – customizable watch face

You can not only change the watch face, but you can customize it too. Various parts of the interface, such as the dial, watch hands, and font can be customized with various designs, You can also select how the notifications, battery status, schedule information , activity level, and more are displayed on the screen.
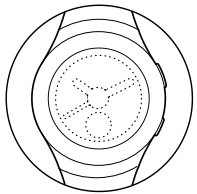
Customizable
watch face

Customized Watch Face

Dial   **Hands/Font**   **Complication***

* Complication: Alarm/Battery status/D-day/Dual Time/Schedule/
   Steps/Notifications/Shortcuts/Weather/Heart rate/Water/Caffeine

Compatibility with other Android Smartphones
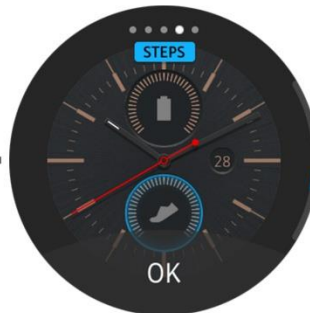
Works with other Android Smartphones 4.4 and RAM 1.5GB above

Gear S2 is the first Samsung Gear to compatible with Competitor's Android products

- Some features created by each manufacturer are limited support. (ex. Message, e-mail, Alarm, etc.)
- Some features are only available on Samsung smartphone. (ex. Samsung pay, etc.)

Legal Term

- Supported devices vary depending on your region, operator and device brand.
- For more information on your device, please visit the Samsung website at WWW.SAMSUNG.COM.

Region	Devices
Europe, Southeast Asia, Southwest Asia, Central Asia	LG-LS980, LG-D855, LG-H818N, Nexus 5, Moto Maxx, DROID MINI, Moto X, H60-L12, HUAWEI GRA-UL00, HUAWEI MATE7-L09, MI 3W, MI 4LTE, D6503, D6603, HTC One, HTC One M9, ASUS_Z00AD, 350SH
United States	DROID TURBO, Nexus 6, LG-D959, VS980 4G, VS985 4G, LG-H815, LG-D631, KYOCERA-E6560, HTC6525LVW, HTC6535LVW
South Korea	LG-F180L, LG-F400, LG-F500, LG-D821, IM-A910S, XT1902, Xiaomi MI4
China	HTC D826w, Che1-CL20, HUAWEI GRA-UL00, HUAWEI MT7-TL00, Lenovo K920, Lenovo X2Pt5, nubia NX511J, OPPO R7, vivo X5pro D, MI 4LTE-CMCC, MI NOTE LTE, ZTE N958St, Nexus 5, Nexus 6

"Keep up-to-date"

Name: John O'Rourke
Age: 31
Occupation: Journalist

During an interview
(dynamic notification)

My smartphone rang while I was interviewing a famous artist who was just about to open an exhibition. I only had a brief amount of time to conduct the interview so I couldn't interrupt the interview to answer the call. Instead, I raised my wrist slightly and discreetly checked the message on my Gear S2. The call was from a colleague checking my schedule for next week. I used my Gear S2 to send a preset message, "Sorry I am in the middle of an interview. I will call you later." I was glad that I could check the message and send a quick reply without interrupting the flow of the interview.

Buying a book
(mobile payment)

After the interview, I confirmed my schedule with my colleague and stopped at the local bookstore near my office to pick up some books for my next interview. I was in a hurry so when my order was ready I used my Gear S2 to pay for the books at the NFC reader. This saved a lot of time as I know my wallet was buried at the bottom of my messy bag. Payment made, I was ready to get back to the office and start reading.

Checking my exercise level
(24 hr activity log)

I was exhausted at the end of the day after completing the interviews and drafting the article. It was a good opportunity to check my activity level over the last few days. I turned on the S Health app on my Gear S2. The activity log for the day indicated that I had not been as active as I should have been today. I decided that tomorrow I would go jogging during my day off. The S Health app was a useful tool to remind me that I needed to exercise and prompted me to add time to my schedule for exercise.

ACCESSORY

Supplied items

Power adapter	Wireless charging dock	Strap (large)	Strap (small)	QSG

Optional accessories

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SPECIFICATION

DISPLAY
1.2", Circular Super AMOLED, 360x360, 302ppi

AP
Dual core 1.0 GHz

OS
Tizen based wearable platform

Audio
• Codec: MP3/AAC/AAC+/eAAC+
• Format: MP3, M4A, AAC, OGG

Memory
Storage: 4 GB Internal Memory / RAM: 512 MB

Samsung Services
Samsung Gear Apps

Connectivity
• Wi-Fi: 802.11 b/g/n
• Bluetooth® 4.1
• NFC

Sensor
Accelerometer, Gyroscope, Heart Rate, Ambient Light, Barometer, GPS (3G only)

Dimension
• Gear S2: 42.3x49.8x11.4 mm (47g)
• Gear S2 classic: 39.9x43.6x11.4 mm (42g)
• Gear S2 3G version: 44.0 x 51.8 x 13.4 mm (51g)

Battery
• Gear S2/Gear S2 classic:
  -Wireless Charging
  - 250 mAh Li-ion
  - Typical Usage 2-3 days

• Gear S2 3G version:
  -Wireless Charging
  - 300 mAh Li-ion
  - Typical Usage 2 days