The best of Sony in a compact waterproof smartphone

Perfect size, outstanding performance

Xperia™ Z1 Compact quick reference guide
Xperia™ Z1 Compact: Introduction

Xperia Z1 Compact offers the best of Sony in a compact, waterproof smartphone. Designed to fit into users’ pockets, as well as their lives, it repackages the market leading technology first seen in Xperia Z1 into a slim, comfortable 4.3” form to provide an experience that’s much more about the user than it is the phone.

This review guide is designed to help you (media and bloggers) quickly understand and make the most of some of the key features. We also provide some quick, easy to use assets that you are free to use as you like.

Why we can call it “the world’s best camera in a compact smartphone”

Like its predecessor Xperia Z1, Xperia Z1 Compact offers an incredible camera experience, and just like Xperia Z1 the engineers have focussed on three key features of the Z1 Compact camera allowing users to: catch fast moving objects without blur, take great photographs in low light and take photographs using a zoom, without degrading the image.

A 27mm f2.0 Sony G-lens is used in Z1 Compact’s camera. Because it gives photographers a wider angle than other smartphones, the lens sucks in more light, which means you can take better pictures in poor light conditions. For an example of an image taken in near-darkness, have a look at this image.

A bigger sensor = clearer photos. Z1 Compact’s Exmor RS™ for mobile sensor (1/2.3”) is similar to that used in Sony’s Cyber-shot digital cameras. Sony’s sensor tech ensures more pixels can fit on the sensor and that each pixel on the sensor can be larger than usual. The result? The camera can capture more light, image noise is heavily reduced and quicker exposure times gives sharper images.
Using exclusive imaging tech from Sony’s digital imaging team, the BIONZ for mobile chip in Z1 Compact’s camera produces sharp white balance calculations, reduces image noise and increases the image quality. See it in action for yourself here.

Superior Auto is Xperia Z1 Compact’s default mode and is designed to help everyday photographers get it right quickly by using intelligent scene recognition technology to make sure you always shoot with the optimal camera settings. The Z1 Compact camera also comes with a full set of manual settings for more advanced photographers, allowing you to control shutter speed and aperture settings as well as over- and under-exposure control.

Better photos every time with Timeshift burst

Never miss a moment with Timeshift burst; the burst mode application begins to record images the moment the camera has focused - pre-shutter button click. You can then scroll back and forwards in time to pick the best quality picture from the range. Timeshift burst allows users to take 61 shots with 2 seconds (either side of the shutter press).

To demo, hit the button in the bottom left of the camera screen and select it from the list of smart camera apps.

Demo assets:

There are a number of images above that were taken with Z1 Compact’s camera setup, feel free to use them when talking about the camera capabilities.
Apps that take your camera further

With a full range of innovative apps, Xperia Z1 Compact offers a camera experience that goes beyond traditional image making. Sony's smart social camera app tray was announced alongside Xperia Z1 and now boasts a wealth of great apps designed to deliver new functions.

To check out the range of available apps hit the button in the bottom left of the camera user interface then hit the plus sign at the top of the next screen. You'll be taken to selection of the best smart social camera apps and from there you can install them in the normal way through the Google Play store.

A few examples:

The Info-eye™ application means that you can point your camera at an object and instantly receive relevant information about it. Demo by snapping a well known monument and grabbing a screenshot of what happens next (volume down and power key together, or just grab the pre-made one here).

Social live is the app that allows you to stream videos to your Facebook profile, receive friends’ reactions and respond - live. Sony was the first company in the world to roll out this technology. If you want to see an example of the user interface, you can grab the screenshot here.
Other smart social camera apps downloadable from the Google Play store include:

Motionshot allows users to take multiple photos of a moving object and condense them all down into one animated sequence. The animated shot can then be uploaded and shared via social networks at the press of a button. It’s only available in certain markets at the moment but will be rolling out over the next few months.

The Evernote app turns your camera into a memory aide by integrating directly with Evernote’s notebooks. Want to remember the recipe you just read on the train or the perfect gift idea you just saw in the shop? Just switch the camera into Evernote mode and snap away. Photos are automatically uploaded to your free Evernote account and you can add notes to help you find them later.

Sphere 360 allows you to take 360 degree interactive panoramas. Once created you can then explore the panorama by rotating the phone to see new sections.

For more information on Sony’s smart social camera applications, just go to blogs.sonymobile.com/tags/smartsocialcamera where the PR team will be posting updates as new apps get released.

A waterproof* beauty. Designed to perfection.

Xperia Z1 Compact has been designed to fit neatly in your hand for the perfect one-handed experience. Sporting a solid one-piece aluminium frame and a front made of tempered glass for optimal look and durability, the 4.3” Z1 Compact follows Sony’s OmniBalance design language.

Like its predecessors, Xperia Z1 Compact continues Xperia waterproof and dust-resistant features. The IP55/IP58 rating means it’s protected against the ingress of dust and can be kept under 1.5 metres of freshwater for up to 30 minutes, provided all ports and covers are firmly shut. We’ve also listened to feedback from earlier releases and included both wet finger tracking, an open headphones jack and a dedicated camera button (long pressing on this opens the camera app instantly). These features are all built on the designs of the Z1 and Z Ultra, but with Xperia Z1 Compact we’ve gone one step further and built in a new handling mode - glove mode. Users can now use Xperia Z1 Compact through any

SONY
gloves (less than 2mm thick). If you want to demo the waterproofness and underwater use of the camera, simply drop the phone into fresh water and start taking pictures. Pick the phone up from the water and, without wiping off the water, start using the phone as normal. We’ve also included some design-focussed images here.

A viewing experience that’s true to life

With a 4.3” TRILUMINOS Display with 720 x 1280 HD resolution, Xperia Z1 Compact brings together the latest Sony TV technologies in a mobile package. The TRILUMINOS display creates a wider palette of rich, natural colours (even the hard-to-reproduce reds, blues and greens), which are further enhanced through intelligent backlight technology that reproduces even more tones and textures.

Meanwhile, the X-Reality for mobile picture engine and Sony’s intelligent super resolution technology analyses images, reproduces lacking pixels, optimises quality and enhances both colour and contrast to produce a cleaner, clearer image. Noise reduction features work on images prior to up-scaling (automatic conversion of a low-resolution image or video to high-resolution), while our display technology analyses each image to optimise pixels, texture, outline, colour, contrast and noise.

What does this all mean? It means that images are reproduced to actually look how you remember them and videos look so good you’ll forget you’re watching them on a mobile.

Suggested demos:

If you want to demo the X-Reality engine, you can use the settings for ON and OFF, and then screen capture (long press on the power button and volume down key simultaneously) so that you can easily compare the results. There is also a splitscreen shot here that demonstrates the difference made by X-Reality for mobile
A new generation of media apps on Xperia™ Z1 Compact

We want you to be able to enjoy all aspects of Sony technology to its fullest potential on all of our products. With Xperia Z1 Compact, you are able to enjoy songs, blockbusters and all the hottest games, online and offline. Z1 Compact will come with up to €100 of free content available through the Sony Entertainment Network (or equivalent in markets where this is not yet available).

Z1 Compact is brought to you pre-loaded with the new Walkman, Movies and Album apps. The latest versions of Walkman and Movies come with Sony’s Music and Movies Unlimited services for access to entertainment wherever you go; with PlayMemories you are able to upload images, movies and songs to our cloud services for easy sharing between devices. There’s no storage limit (although some larger images may be subject to downsizing so that the longest side is no more than 1920 px long).

TrackID™ TV

Alongside (and pre-loaded on) Xperia Z1 Compact, Sony will also be debuting its second screen TV app - TrackID TV. The app syncs with the audio from TV shows to provide users with extra information including related tweets, actor biographies, show trailers and more. TrackID TV will initially be available in the UK, US, Germany, France and Japan.

Suggested demos:

There is a video here that outlines the new app functionality. For screenshots demonstrating the user scenario for Music Unlimited, Movies Unlimited and PlayMemories, see links on the last page of this quick reference guide.
Speed that goes on forever

The Qualcomm Snapdragon™ 800 quad-core 2.2 Ghz processor with 2GB RAM in Xperia Z1 Compact means ultra-fast performance and breath taking graphics. Taking the concept of speed further, Xperia Z1 Compact supports super-fast LTE networks, giving you access to entertainment anytime, anywhere.

The processor does not drain the battery as it’s asynchronous, which means each core is powered independently; Z1 Compact receives the right amount of power when needed, without wasting power when not.

The world’s best battery performance in a premium compact smartphone**

Three things are in focus in Sony’s approach to battery life in Xperia Z1 Compact:

1. The asynchronous technology in the SD800 produces less heat and uses less power.

2. The 2300 mAh battery is designed to handle heavy duty phone and data usage, and provide outstanding standby time.

3. Battery STAMINA Mode significantly improves the standby time of the smartphone by four times or more. When the display is switched off, all the functions that don’t need to be running are automatically switched off, whilst keeping the important functions (such as notifications) switched on. As soon as the power button is pressed to wake up the screen, everything is up and running again.

Did you know?

The battery in Xperia Z1 Compact delivers:

- Music listening time up to 94 hours
- Video playback time up to 12 hours
- 12 hours more on average than the closest leading competitor
- The fastest battery charging compared to the closest leading competitor

Suggested demos:

Both ZenBound (family friendly) and ShadowGun (not so much) are well known for being processor and battery intensive games. It’s also worth comparing the estimated battery life stat on the Power Management screen in the settings with STAMINA mode turned off and on. There is a splitscreen ON / OFF screenshot here.
Perfect partners for Xperia™ Z1 Compact

Sony provides a range of companion products and software to help get the most of your smartphone. Here’s a few of them.

**SmartWatch 2**

Smartphone users touch their handsets 150 times per day to check messages, notifications and the time. Sony has been a market leader in wearable technology since 2007 and its latest offering in this space is SmartWatch 2 - a second screen located on the wrist that can remotely control Xperia Z1 Compact.

SmartWatch 2 also enhances Xperia Z1 Compact’s camera experience by letting you control the camera shutter remotely via Bluetooth so that you no longer have to hold the phone while taking a picture.

Sony is always working closely with Android app developers so keep an eye out for more optimised camera apps for SmartWatch 2 and Xperia Z1 Compact.

For more information (and assets) on SmartWatch 2 see the accompanying press release.

**DSC-QX100**

The Smartphone Attachable Lens-style Camera is cylindrical and can be mounted in the same way as interchangeable lenses are mounted on SLR cameras. The aluminium lens-style camera offers high magnification, 3.6x optical zoom and advanced sensor technology. For accurate image creation and easy operation DSC-QX100 sports a manual control ring, zoom lever and shutter button are located on the side.

DSC-QX100 features WiFi, One Touch connectivity, Sony’s Exmor R CMOS image sensor and BIONZ processor. It has a one inch image sensor, Carl Zeiss Lens, shooting at f1.8 that will deliver results comparable to Sony's RX100 mark two camera.

**DK32**

This magnetic charging dock has been developed especially to fit Xperia Z1 Compact both with and without a case - with a comfortable viewing angle. Place Z1 Compact in DK32, ports will open and the smartphone will magnetically charge.
Switching to Xperia has never been easier

We have recently released Xperia Transfer 3.0, which enables any iOS, Android or Blackberry user to easily switch to a new Xperia. Xperia Transfer is designed to make our handset switch as easy as just a few clicks; Xperia Transfer 3.0 offers app matching of all your apps and makes it easy for you to move all the essentials, such as contacts, messages, music, photos, videos and more.

Assets for you to use:

We want to help you create rich engaging content when you review Xperia Z1 Compact and, as part of our commitment to making your lives as easy as we can, we’ve included a series of images that illustrate key elements of the smartphone. These are all free for you to use at your discretion and are listed here:

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Summary:

Xperia Z1 Compact has been developed to blend the best of Sony’s technology with the convenience of a 4.3” form; a compact smartphone that fits in the palm on your hand or pocket, without compromising technology or functionality.

The same is true for the camera; while Z1 Compact sports a more compact body than its recent Xperia predecessors, there is no compromise on image quality. It is Sony’s 16 years of digital imaging expertise, high-end TV engineering and entertainment heritage that together built this phone.

We hope this guide helped you to understand a little more about this smartphone and saved you some time when creating your review.

* In compliance with IP55 and IP58, Xperia Z1 Compact is protected against the ingress of dust and is waterproof. Provided that all ports and covers are firmly closed, the phone is (i) protected against low pressure jets of water from all practicable directions in compliance with IP55; and/or (ii) can be kept under 1.50 meters of freshwater for up to 30 minutes in compliance with IP58. The phone is not designed to float or work submerged underwater outside the IP55 or IP58 classification range that may lead to your warranty being void. Find out more: www.sonymobile.com/testresults

** Based on the results of battery performance testing conducted by Strategy Analytics between 25th November – 6th December 2013, comparing the performance of Sony Xperia Z1 Compact with HTC One Mini, Samsung Galaxy S4 Mini, Apple iPhone 5C and Apple iPhone 5S. Compact Smartphone defined by Strategy Analytics as smartphones with a display size of less than 4.5 inches. For more information, go to: www.sonymobile.com/testresults