

Test Report on Mango 3D Smartphone SY553

Open a new era with glasses free 3D



IT-News on Oct. 28, 2016 : when the smartphone manufacturers find no way to show their product more advantages than the others in hardware, all of them are putting efforts on the user's experience on the products, from UI operation to functions. While, there is something new comes up on the smartphone market, which likes a big stone drops in the flat water, Mango 3D. Yes! It is 3D, glasses free 3D, no need to wear glasses to watch 3D movies or videos, photos, etc. How is it? Is it the same or better feel watching a Hollywood 3D movie in the 3D cinema? How does it reach that effect?

Technically it applies 3D lenticular technology, which works as same function of the glasses. The lenticular is a transparent 3D foil, with the integrated 3D algorithm in the smartphone, it displays 3D with no need of wearing glasses to watch. In normal operation, it does not show difference than other ones.

This is totally new on the smartphone industry. Will it make big wave on the market? We will see. Following is our test report on this newly launched Mango 3D smartphone glasses free.

This model name Mango 3D SY553, was produced by ZTE. The key points with this smartphone are the 3D functions, including 3D photo, 3D video, 3D movie, 3D gaming, as well as 3D photo, 3D video taking etc.

THE 3D LOCAL

It is so called 3D smartphone, we care most about how is the 3D, how it looks like? The 3D functions are in 3 categories: local display, web online display, and 3D photo and video taking. There is a 3D app installed as local player, so the user can download or transfer any 3D movie or content to the play list, to watch at the time he/she wants. There are some video/movie clips in the play list already when the test expert received it. Simply click on the file name, it plays a 3D movie fluent and smoothly. Frankly speaking, the 3D is amazing and beautiful, the images are so sharp and clear, with strong and clarity of depth. You will feel like to touch the pop out images, or you really do not believe it. The 3D movie on the smartphone is much brighter than you feel at 3D cinema because there is no glasses, while the glasses make the image much darker.

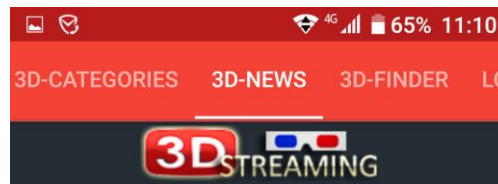
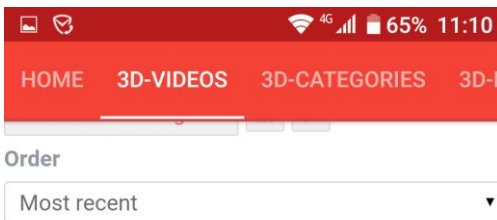
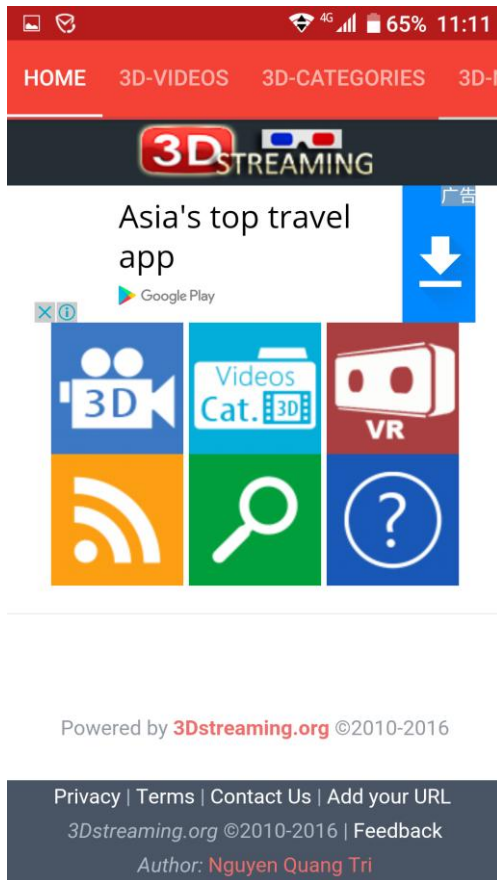
It is really good thing, that you can save your time on your journey by watching nice 3D movie which you missed long time ago.



THE 3D ONLINE WEB CONTENT

In this Mango 3D, there are quite a lot of web 3D content platforms can be downloaded and installed with 3D movie, 3D photo and video, 3D entertainment, as well as online 3D game. It is totally different experience in watching a 3D movie on smartphone, anywhere and anytime. The available web 3D content platforms now, www.3dcrave.com, www.3doo.com, www.latv3d.net, www.3dstreaming.org, providing 3D content service on VOD bases. There are tens of thousands 3D movies and TV episodes on the platforms available for customers selection. Some of them are free of charge, some for members only. With relatively good speed WIFI, the movie and contents plays in good resolution, as well as nice 3D. You would not like to watch 2D any more once you have the 3D. Those contents are not only for 3D smartphone, but also for 3D smart TV. The 3D TV was not successful in the past few years, main reason is lack of content. Now it is new era of smart time, glasses free 3D smart TV (www.js3d.com.cn) is available with WIFI and Android system, it can easily reach web contents. 3D time seems really coming.

Rich VR contents are also available on those platforms, while watching VR content on the 3D smartphone, do you need a helmet? NO!

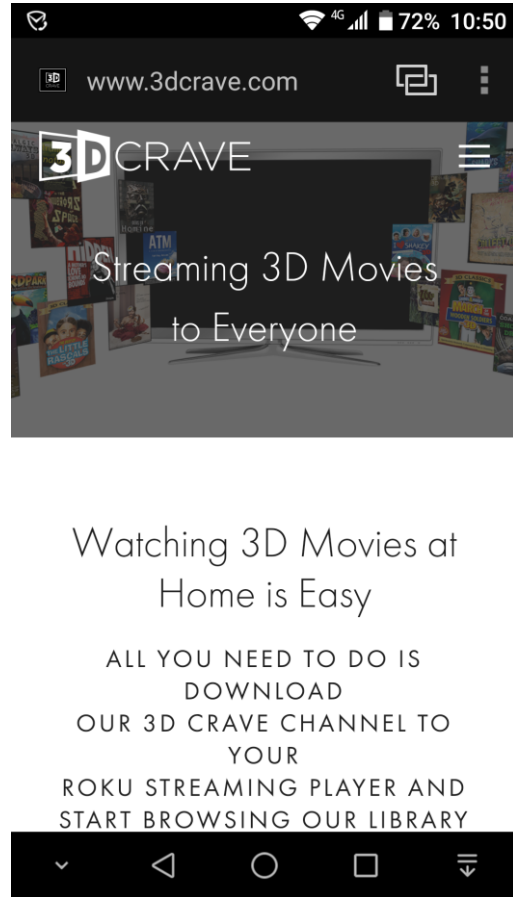


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OUTLOOK



On top of this Mango 3D are the light sensor, earphone and video camera. Downside is a small circle as for HOME button. On each side of the HOME button, there are MENU and RETURN buttons. Those two buttons light on only when it is under operation. Back cover is metal material with curve design. It is quite comfortable holding in hand. On top of the back cover, there are rear camera, the finger printer identifier, as well as loud speaker. Colored with rose gold.



CONFIGURATION

This Mango 3D SY553, uses Snapdragon 617 octa-core processor, OS Android 5.1, 3GB+32GB, dual 4D SIM FDD and TDD LTE with double standby, front camera 8MP, rear 13MP, with flash.

It applies FHD screen resolution at 1920*1080 5.5" full lamination LED. There is a 3D foil applied on the screen in order to have 3D effect with 3D photo and video. The 3D images going through the 3D foil to send left and right images relatively to the left and right eyes, then to combine into a 3D image by human brain. Except the glasses free 3D, another brilliant point on the smartphone is the Dolby surrounding sound system, it delivers unbelievable beautiful sound.

FINGER PRINT IDENTIFIER

Finger print identifier on the Mango 3D is located right down of the rear camera. It performs very well accurately and fast on. What is more, it supports as many as 5 finger prints, and enters into the operation from black screen directly, easy and fast. Another useful security function in this Mango 3D is called app lock, to lock user's all privates' photos, emails, wechates etc.

PHOTO TAKING

Mango 3D equips 8MP front camera, with beauty and image enhance functions. 13MP rear camera outputs brilliant images, with very rich details, also background blurring and softening function available, color definition excellent, white balance little worm.



3D photo taking and 3D video taking from this Mango 3D are very special, using single lens to take 2 times photo following the guidance, then it composes into a 3D photo. It looks nice 3D photo. For 3D video taking, it shots no difference than other normal smartphone but use software to convert the video into 3D, it plays quite good 3D effect when plays back



BATTERY

The Mango 3D equips a battery of 3000mAh. It is not too big, but thanks to the energy saving technology, it can easily support for the whole day use. It applies with fast charging technology available, charger of 5V-1.5A, full charge 100% takes about 2.5hrs.

This Mango 3D was manufactured by ZTE, the operation and function are quite good adjusted as per ZTE standard and experience. It runs fast and smooth, with multi-task function, and many other useful app's.

CONCLUSION

The Mango 3D is specialized with 3D entertainment and display, it delivers beautiful 3D effect to the viewer. You never see it as a flat screen but like a see-through-window. If you compare the 3D experience with in 3D cinema, we can say not much difference, except screen size, no wearing ugly glasses, watching privately. With 3D contents and gaming available, 3D shooting and sharing on the web, 3D smartphone is worthy your try.

The world is in 3D, so should be the display.

WHERE TO BUY

Mango 3D is new brand specially for 3D smartphone and solution. OEM, ODM also available for dealers and private label. More information at: www.js3d.com.cn <http://jsdigitech.en.alibaba.com/>