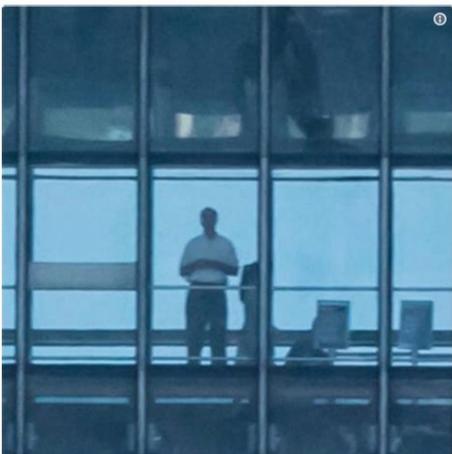


195 billion pixel photo

I'm not robot!



Keith
@holden_fast

Replying to @traceylindeman
"I think I see my Dad."

3 9:48 AM - Dec 19, 2018

While smartphone cameras are getting better and better, there's just so little you can achieve with them compared to a professional digital camera. To be honest, the technology of digital cameras and smartphone cameras are light years apart. Yes, of course, you can take pretty decent photos with your phone, but can you zoom in on people's faces who are miles away from you? Well, you probably didn't even know that was possible with any camera! And if that's the case, this Chinese company called Big Pixel has something very interesting to demonstrate. The company uses technology which allows taking photos with hundreds of billions of pixels. In comparison, the average smartphone camera has 12 megapixels which are equal to 12 million pixels. The company recently posted a panorama photo which is 195 gigapixels, and that is 195 billion pixels. Knowing that you can get pretty sharp photos with your phone, the technology used by Big Pixel is absolutely mind-blowing. Below, you can see the photo with hundreds of billions of pixels which was taken at the Oriental Pearl Tower in Shanghai. The online tool provided by the company allows people to explore not only this particular photo but many others too. If you want to play this treasure hunt yourself, don't forget to explore Big Pixel's website and upload your best finds here! Popular on Bored Panda Popular on Bored Panda User Submissions Also on Bored Panda Also on Bored Panda 195 Billion Pixels to see Shanghai Pinch open more wonderful, 360 degree rotation for viewing Lujiazui is the economic hub of Shanghai, and is also a window to show the world China's economic boom. The "195-billion-pixel super panorama of Shanghai" that went viral on the internet before has once been used by Shanghai Municipal People's Government to introduce Shanghai at the Expo Milano 2015. During President Xi Jinping's visit to Europe in 2019, a special exhibition named "See China through 100-billion-pixel panoramas" was held, at which panoramas including the said super panorama of Shanghai were displayed. During the exhibition, such high-definition images not only shocked foreign friends, but also allowed them to see and feel the real China up closely. At the beginning of the project, the BIGPIXEL team decided to take on the new challenge of breaking the record of 10-billion-pixel panoramas and trying to create works composed of 100 billion pixels. It was a great challenge because the splicing technology we applied before cannot be used to make such works and there were more photos and data required to be processed. We also faced other difficulties such as network deployment and loading. However, we were ambitious and overcame such difficulties one by one. We took more than 8,700 photographs from the 230-meter Oriental Pearl Tower for 4 hours and took 2 months to complete this amazing work. Through the work, you can have both panoramic and close-up views of Shanghai. Click the super panorama, and you will see the Huangpu River, which divides Shanghai into two parts: Pudong and Puxi. The most famous place in Puxi is the Exotic Building Clusters in the Bund of Shanghai, which is known as one of the most charming landmarks in Shanghai and is also the place with the largest flow of people in Shanghai. If you zoom in on the panorama, you can even see every visitor clearly. If you come to Shanghai, you are advised not to sleep in but to take part in the morning exercise here. It is a pleasure to play Tai Chi with the locals in the most beautiful riverside. You are also advised to take a boat tour of the Huangpu River at night to feel the integration of modern and classical styles of the two sides, which we believe will be an unforgettable experience. Across the river from the Bund is the famous Lujiazui international financial zone, one of the world's top five financial centers and a symbol of the great changes in China within the three decades after the reform and opening up policy was carried out. The three tallest buildings are the Shanghai Tower, the World Financial Center and the Jinmao Tower. These 3 towers have been dubbed "the three-piece kitchen set" by the humorous people in Shanghai due to their resemblance to a "bottle opener", "whisk" and "syringe". When you visit Shanghai, you are advised to come here to have a wide view of Shanghai and experience the "magic" of the city, the coexistence of the old and the new, and the hybrid of the east and the west. You know how it's possible to zoom in a bit on your phone photos and see a previously tiny object in the background suddenly gain prominence? Well imagine being able to do that with objects a couple of kilometers in the background of a photo. Image courtesy: BigPixel Technology Corporation That's exactly what Jinkun Tech, also known as Bigpixel Technology Corporation, has done. A while ago, they captured an incredible photo that's being the rounds on social media again recently. It's a 360-degree photo of the Shanghai skyline, captured from the top of the Oriental Pearl Tower. And it's made up of 195 billion pixels. The images were taken using high-resolution cameras, and then stitching them together using software. The result is that, despite not even being able to spot a speck denoting a human in the zoomed out image, you can zoom in enough to even see the faces of pedestrians. Reuters It's a 195 gigapixels, where one gigapixel is a billion pixels. For comparison, a smartphone's 20 megapixel camera clicks photos with 20 million pixels. Don't just take our word for it, see for yourself. Bigpixel claims their photo is over 2,000 times more precise than a regular consumer camera. This is also reportedly the third-largest photo ever clicked in the entire world, and the largest in Asia. Welcome to the TribLIVE.com California Consumer Privacy Act (CCPA) landing page. You are seeing this page to comply with the California Consumer Privacy Act of 2018 ("CCPA") and other California privacy laws. • If you believe you have been sent to this page by accident, you can delete your TribLIVE.com cookies and proceed to the site. • Click here if you wish to opt out and view the full site. • If you keep getting redirected to this page, please enable cookies. If you're unsure of how to do this, click here for a quick guide. • If you are using Chrome and keep getting redirected to this page, then turn sync off. These amazing 24.9-billion pixel photos really have to be believed. The image that went viral on Twitter a few days ago is truly incredible for itself. Select any part of the photo to zoom in and zoom out then zoom in a few more, then some more. Despite being at the top of the skyscraper, you will be able to create individual blades of grass. Incredible panorama can be seen here and honestly, we can't stop playing with it. There's no part of the picture that you can't see in ridiculous detail. We're not the only ones who can't stop looking at the city. After it went viral, many Twitter users zoomed in on what they could find. And of course, people found themselves looking for another person in an embarrassing situation, the most embarrassing of which seems to be that this person is on a nose-picking moped. Luckily no one has yet found the unfortunate couple who have not stopped their blindness. According to Mashable, the image was commissioned by the government in Shanghai and taken by BigPixel. The team has taken pictures of cities and other huge beaches shot with billions of pixels, but for the first time in Shanghai they have created a panorama using hundreds of billions of pixels, and the difference is incredible. The team has created several more wonderful (if a little smaller) panoramas with an interesting view of North Korea. Cities that may surprise you include Shenzhen, Lhasa, and Macau. Prepare to lose a good week of your time. Image credits: BigPixel Studio BigPixel Studio, officially Shanghai Jinkun Technology, has been creating super high-resolution panorama images of cities worldwide since 2014. Its latest image is captured from the top of the Oriental Pearl Tower in Shanghai and has a 195-gigapixel resolution. The image is so detailed you can zoom in and see pedestrians' faces and even make out license plates. Contrary to rumors floating around the web, BigPixel's detailed 360° panoramas are not captured using satellite imagery but are rather built using many images shot using a traditional camera with precise control. The thousands of images are then processed and merged using the company's in-house technology. For this image, I zoomed in on the leading image slightly. The company is hired by firms and cities around the world. The images are, after all, great marketing tools. After discussing the client's needs, Shanghai Jinkun Technology then works with the client to pick a perspective and then starts the capture process when the weather allows. Images are captured over a period of months. Each image is individually processed before being used as part of the final composite image. Shanghai Jinkun Technology adds interactive functions for the image and then assists with promotion when the final interactive image is ready. A bit more zoom So far, Shanghai Jinkun Technology has created images for more than 70 cities worldwide, and its images have been viewed over a billion total times. You can check out its different images, including photos captured in Hong Kong, Beijing, Reykjavik, Zurich, New York, the Vatican and more. At this zoom level, you can make out the vehicles and see pedestrians, but you can get even closer... Per Business Insider, the new image in Shanghai is the largest image ever captured in Asia, and the third-largest image in the world. The new image is Shanghai Jinkun Technology's first image with hundreds of billions of pixels. At maximum zoom, you can see some detail of people's faces and even read license plates. Although it's unclear at precisely what elevation BigPixel captured images in Shanghai, the tower they used is over 1,300' tall. It's incredible to be able to see this level of detail from this distance, and you can do this at 360°. Try it for yourself. Business Insider also notes that such technology has 'obvious' potential to be used for surveillance. That might be true in the case of long-term surveillance, but as of now, it takes a long time to capture all the required images and is far from useful for real-time surveillance. What it is useful for, however, beyond being interesting, is recording a city's place in time over a given period. It's fascinating to see how cities change and develop over time and having such detailed images of places is invaluable.

