

Camera Lucida Kickstarter NeoLucida

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It is not the latest technology products, nor the application of any advanced technology. Its structure is simple and surprising - a prism and an adjustable stent, and it was born in the 19th century, older. But it is able to let you see things vividly on paper.

This special device is called Camera Lucida. When you want to draw something, someone will put this device on top of the paper, the sight seen through the prism will surprise you, the target object as if to the paper, and you have to do is on paper "G" out of the target object.



([Youku](#))

Through Camera Lucida users can create fine sketches, as they see. This device was popular in the mid-19th century, as artists, architects and even ordinary people in the eyes of the meat and potatoes.

But with the development of photography technology, Camera Lucida halo gradually faded, and even forgotten by people.

Pablo Garcia, an assistant professor at the Chicago Institute of the Arts, and Golan Levin, associate professor at Carnegie Mellon University, decided to rejuvenate the "stunt", which is creating a modern version of Camera Lucida - NeoLucida.

NeoLucida weighs only 250 g, can be arbitrarily adjusted height, strong and compact, you can put it into the handbag to carry. Due to the application of gooseneck regulation, NeoLucida design greatly simplified. NeoLucida is currently priced at \$ 40, compared to Camera Lucida (c.1900) on eBay \$ 350 high, the former to be much with the more.



Left: NeoLucida Right: Camera Lucida (c.1900)

In Garcia and Levin view, Camera Lucida is too cumbersome, difficult to adjust, not suitable for carry, and high prices, only those archaeologists are willing to buy. And for young artists and students, the right price to impress them. In order to reduce costs, NeoLucida most of the parts are from China.

In addition, NeoLucida will be fully open source hardware, allowing other developers to improve this device.

NeoLucida had only intended to raise \$ 15,000 on [Kickstarter](#) , and everyone's enthusiasm was far more than expected, with 30 times the initial goal. At present, the equipment has been booked, Garcia and Levin said that by the beginning of 2014 will increase production.

According [to Wired](#) , Garcia and Levin plan to make the NeoLucida project a large open network course, and they are looking forward to discussing the importance of technology in the art with supporters. Through the establishment of the community, to facilitate the questioning, study painting tools and share ideas.

"Students here can learn, connect technology and art."

The picture comes from [kickstarter](#)