

**blips**  
magnify the world

Mini-lenses for smartphone for  
Head lice control and dermatology





**Blips are add-on lenses for any smartphone and tablet, which enhance the optical features of any portable device.**

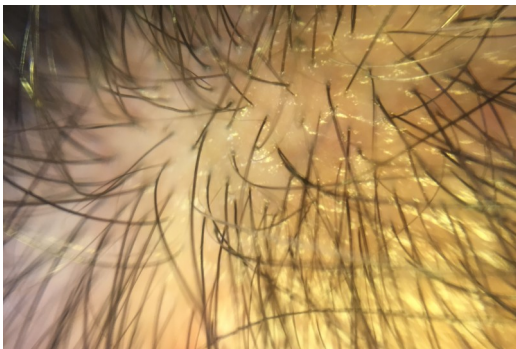
With them, you can have a powerful macro camera, or even a microscope, always with you.

The **extreme portability** of the Blips lenses is the ideal solution for anyone who needs to look at tiny details, anytime and anywhere. You can **take pictures or videos and share them** exploiting the well-know and powerful ICT of current phones or tablets.

Macro Plus  
5x



Macro  
10x



*Scalp taken with Blips Macro*



The extreme portability of this technology allows anyone to have a powerful macro camera in his pocket.

It can provide a **hi-level magnification together with an extreme ease of use**, and without expensive or bulky technology.

**This is an ideal accessory for head lice control** and to check the effectiveness of pediculosis treatments. Blips Macro Plus is already sold in all the Italian pharmacies in attachment to a well known brand of anti-lice shampoo.

This is a **very useful tool to take pictures at home of skin problems, to immediately share with medical doctors/ dermatologists**, for extra-fast, preliminary screening based on the pics submitted from the user. This innovative tele-consultancy service is already available in Italy with a specialist company.

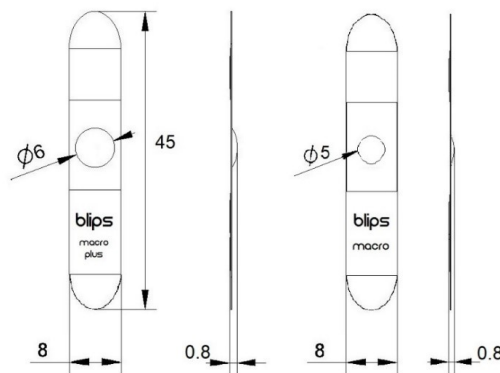
## TECHNICAL FEATURES

Blips is a trademark representing a set of mini-lenses for smartphone and tablet designed, developed and manufactured in Italy by Smartmicrooptics Srl.

These very thin plastic lenses come on a flexible film; **the Blips lenses can be used on any phone model**. Two sticky bands on the rear side of the film keep the lens on the correct position, on the phone camera objective lens. The adhesive is reusable up to hundreds of times, and it can be easily replaced, if needed.

The **Macro Plus** lens (5x) and the **Macro** lens (10x) can be used for **checking lice and their eggs or for preliminary checkups of moles or skin/nails imperfections/diseases**.

## Dimensions (mm)



## Optical features

Model	Working Distance	Magnification level (approx.)	Optical (micron)	Resolution	Field of view (mm)
Macro plus	20 mm	5 X	15		20
Macro	10 mm	10 X	8		10

*These optical parameters may vary when the lenses are applied on different smartphone models.*

## Environmental stability

Storage Temperature	-10 to 50 °C
Operating Temperature	5 to 40 °C

## Materials

The Blips lenses are made of high transparent (>95% internal transmittance) and high refractive index (n=1.57) plastic resins. Two aluminum strips are on the flexible film for enhancing mechanical performance of the product.

*Specifications subject to change without notice.*

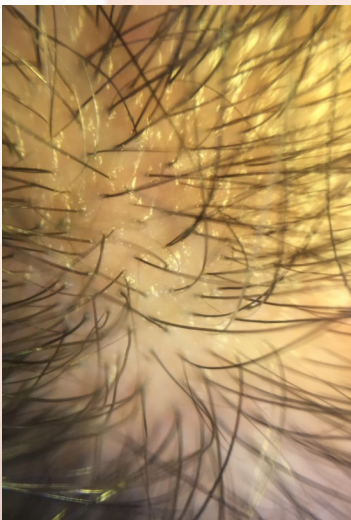




The Blips lens kits come in a practical and extra-compact packaging.

The packaging can be customized in shape and graphics, according to the customer needs.

The innovative Blips lenses have been appreciated in many fields of application in which the investigation of microscopic detail is useful.



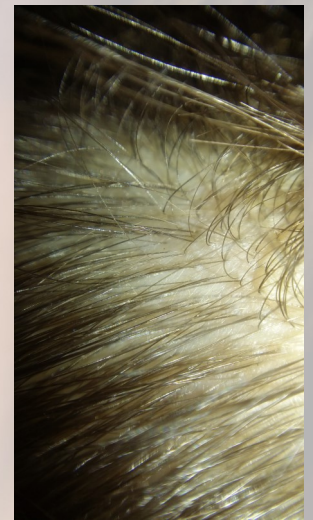
Scalp taken with Blips Macro



Mole taken with Blips Macro



Wart taken with Blips Macro Plus



Scalp taken with Blips Macro Plus

The Blips lenses are made in Italy, in our headquarters in Genoa. We manufacture and check the quality of every single item. Our patent-pending technology ensures hi-quality optical features together with ease of use, at a very low price.

SmartMicroOptics s.r.l. is a spin-off of the Italian Institute of Technology.

Blips lenses have been sold in more than 100 Countries all over the World and produced in more than 80,000 pieces.

Blips is a product already appreciated in many different fields of application, and it can be sold as stand alone product, or coupled with other products, as useful accessory.



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