

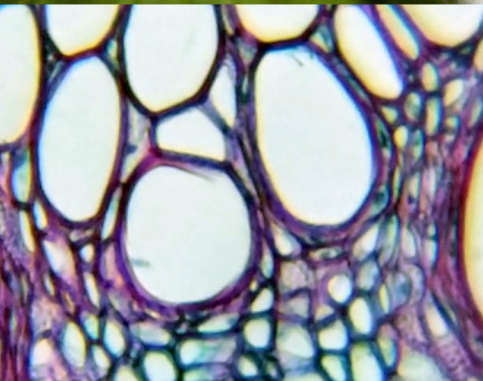
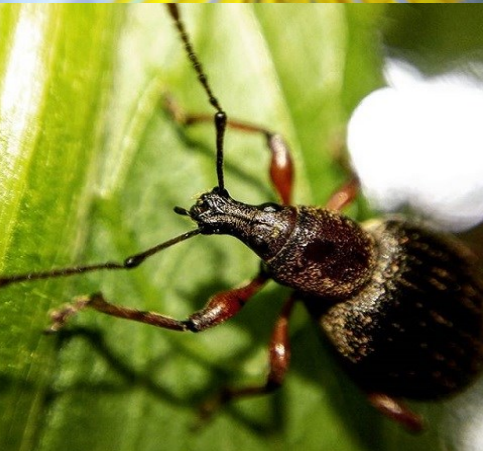
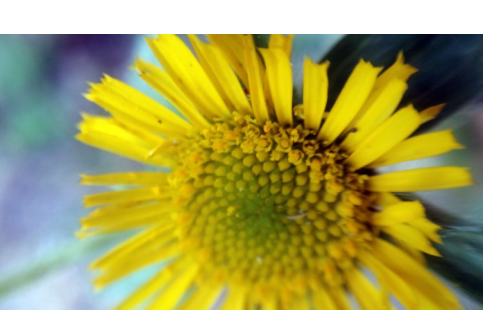
SmartMicroOptics S.r.l.
SMO—US Corp.



BLIPS products — 2023-24

blips

magnify the world



Blips

*The thinnest lenses for
smartphone and tablet in the
world.*

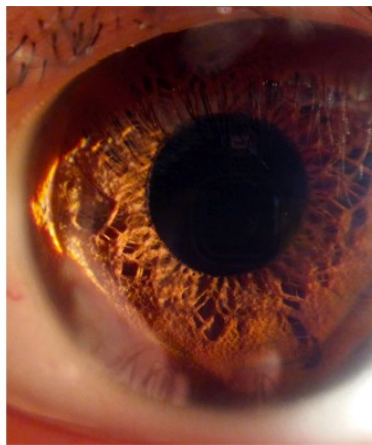


Macro Kit

Made of Macro Plus and Macro lenses, this kit is the ideal solution for the lovers of macro photography!

The kit contains:

- 1 Macro Plus lens (5x)
- 1 Macro lens (10x)
- Spare, reusable and washable adhesive tape





The kit contains:

- 1 Macro Plus lens (5x)
- 1 Macro lens (10x)
- 1 Micro lens (20x)
- 1 Ultra lens (33x)
- Spare, reusable and washable adhesive tape

Full Kit

Composed of 4 Blips lenses, for macro photography and microscopy experiences.

Two 5x and 10x lenses, for macro photography

Two 20x and 33x lenses, for microscopy applications.

The most powerful lenses (Micro and Ultra) provide their best performance in transmitted light, with thin samples.

Transform your smartphone into
a digital microscope!

blips
magnify the world
FULL KIT





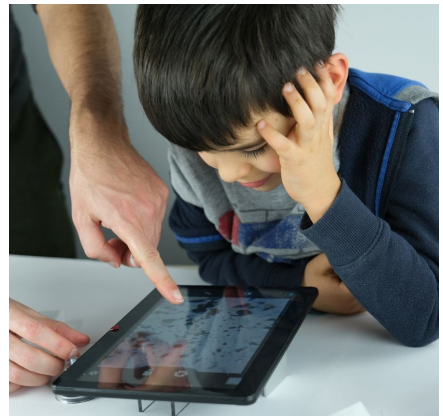
New Labkit2

The complete set of our lenses, plus light source, stage and slide holders, and other useful accessories that will transform your smartphone or tablet into a transmitted light microscope.

The Macro Plus, Macro, Micro and Ultra lenses all gathered in one set, to allow you to explore the micro-world in every aspect.

The kit contains:

- 1 Macro Plus lens (5x)
- 1 Macro lens (10x)
- 1 Micro lens (20x)
- 1 Ultra lens (33x)
- 1 smartphone stage
- 1 light source
- 3 prepared slides and 2 plain slides
- 100 coverslips
- Spare adhesive tape
- 1 Pipette



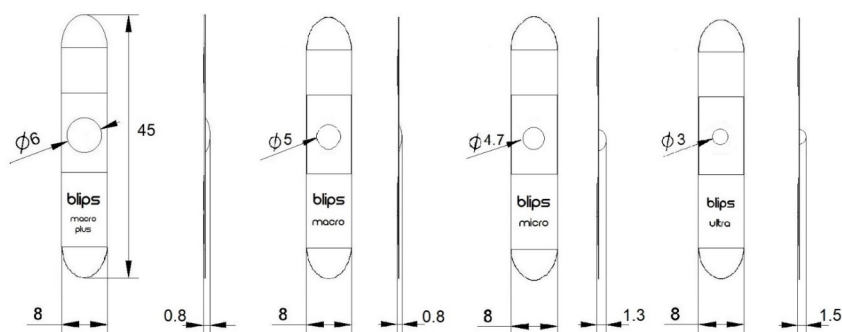
BLIPS Lenses – Additional information

Blips is a registered trademark for mini-lenses for smartphone and tablet, manufactured by SmartMicroOptics S.r.l.

These very thin lenses are a flexible, plastic film; the Blips lenses can be used on any phone model. Two sticky, reusable and washable pads on the rear side of the flexible film keep the lens on the phone, aligned with the main phone camera. The adhesive pads are reusable hundreds of times, and they can be easily replaced, if needed.

There are four types of lenses: Macro Plus, Macro, Micro and Ultra, with increasing magnification and shallower depth of field and field of view. The Blips lenses are designed, developed and manufactured in Italy.

Dimensions (mm)



Optical features

Model	Working Distance	Approx. level	Magnification	Optical Resolution (micrometer)
Macro plus	20 mm	5 X		15
Macro	10 mm	10 X		8
Micro	5.5 mm	20 X		4.7
Ultra	3 mm	33 X		3.5

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

The indicated optical resolution is for lenses on mid-range smartphone, and with target observed in transmitted light. The Micro and Ultra lenses have low depth of field, therefore they should be used with phone on a stable mechanical support; these two most powerful lenses provide best performance in transmitted light.

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, for visible light) and high refractive index ($n=1.57$) plastic resins.

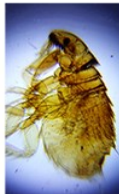
Two sticky pads with an aluminum core are on the flexible, supporting film. The innovative adhesive material is washable, and allows hundreds of reuses.

Specifications subject to change without notice.



Micro and Macro
lenses for
smartphone
and tablet

www.blips.pro
info@blips.pro





SmartMicroOptics S.r.l.

Registered office: Piazza Colombo 2a/8, 16121 Genova —Italy

Headquarters: Via Reale 203b, 48123 Ravenna —Italy

Email: info@smartmicrooptics.com



SMO-US Corporation

Office: 18 Bridge Street, 2A Brooklyn NY 11201— USA

Email: smousa@smartmicrooptics.com

www.smartmicrooptics.com

Facebook: www.facebook.com/blipslens

Instagram: www.instagram.com/blipslens

Twitter: www.twitter.com/blipslens