

Press Release - for immediate release

17 June 2021 | 1/1



CORNING

Varioptic® Lenses

New Corning AF Explorer now part of Macnica ATD Europe Distribution Portfolio

Webinar highlighting the product features on 22/23 June

Chatou/France, 17 June 2021. Macnica ATD Europe today announced that it has started distribution of the new Corning AF Explorer kit, a comprehensive platform realizing fast and reliable Auto Focus based on Corning's Varioptic Liquid Lens technology. It consists of several PCB boards with associated software and is provided in a ready to use format. The kit is best suited for camera developers who want to evaluate and study characteristics of the liquid lens; let it be imaging performance, autofocus performance, or any other standard camera function. In addition to the evaluation platform, the kit can also be proposed as a reference design.

Fast and reliable auto focus in a user-friendly and comprehensive format

AF Explorer has been developed around the Cypress CX3 chip and a specific ISP (available from Corning upon request). It is based on an MIPI pipeline between sensor, ISP and embedded host. Several types of sensor boards and liquid lens modules are supported while the default configuration includes a Sony IMX335 5Mpx sensor and the Corning Varioptic C-S-25H0-075 liquid lens S-mount module.

Founded in 1990 as ATD Electronique, Macnica ATD Europe offers innovative components dedicated to imaging applications for the European market. Its product portfolio includes: image sensors (CCD, CMOS, InGaAs, Thermal etc.), optics, interface circuits, IPs, imaging processors, cables and OLED microdisplays. It also covers development tools and design services enabling fast and efficient realization of new high-performance camera systems for markets such as machine vision, medical, life sciences, surveillance, automotive and others. After the acquisition of the company by Macnica Inc. as of October 1, 2020 the company operates under the name Macnica ATD Europe.

For more information visit the web at www.atdelectronique.com.

Macnica ATD Europe

2 - 6, rue Emile Pathé- Espace Lumière,
Batiment 2, 78400 CHATOU - FRANCE
Ph: + 33 1 30 15 69 70
Fax: + 33 1 86 39 00 22
sales@atdelectronique.com

Press Contact:

Vision Communications - Andreas Breyer
breyer@vision-communications.eu

Furthermore, the Corning Varioptic Auto Focus Explorer kit is fully compliant with the USB interface standard and its USB Video Class (UVC) compliant plug-and-Play setup allows for Windows 7, 8.1, 10 and Ubuntu 12.04 and 14.04. The development kit further includes an integrated Time of Flight (TOF) sensor for distance measurement and different lighting options including white, blue, and NIR LED's. The AFLab Software enables basic sensor settings, AF mode selection, AF Algorithm, and more. The kit configurations can be used with C-C-series lenses and C-S-series lenses from Corning Varioptic Lenses.

Free webinar highlighting Corning AF Explorer

As part of the Corning Varioptic webinar series a webinar workshop highlighting the Corning AF Explorer will be held on 22 and 23 June. Depending on the time zone the dates for the identical webinars are

- 22nd at 2 PM CET
- 22nd at 7 PM CET
- 23rd at 8 AM CET

More information and registration through the Corning [website](#).

Further information and support on the AF Explore kit is available through [Macnica ATD Europe](#).

Founded in 1990 as ATD Electronique, Macnica ATD Europe offers innovative components dedicated to imaging applications for the European market. Its product portfolio includes: image sensors (CCD, CMOS, InGaAs, Thermal etc.), optics, interface circuits, IPs, imaging processors, cables and OLED microdisplays. It also covers development tools and design services enabling fast and efficient realization of new high-performance camera systems for markets such as machine vision, medical, life sciences, surveillance, automotive and others. After the acquisition of the company by Macnica Inc. as of October 1, 2020 the company operates under the name Macnica ATD Europe.

For more information visit the web at www.atdelectronique.com.

Macnica ATD Europe

2 - 6, rue Emile Pathé- Espace Lumière,
Batiment 2, 78400 CHATOU - FRANCE
Ph: + 33 1 30 15 69 70
Fax: + 33 1 86 39 00 22
sales@atdelectronique.com

Press Contact:

Vision Communications - Andreas Breyer
breyer@vision-communications.eu