

## □ [K-NIGHT 1:1 BIZ Matching] Participating Company Information

<b>Attendant 1</b>	Name) DONG KWAN KIM	<b>Attendant 2</b>	Name) SEUNG CHUL GO
	Position) President		Position) Deputy section chief
<b>Company name</b>	UMI OPTICS Co.,Ltd.		
<b>LOGO</b>			
<b>Address</b>	#513, 406, Centerplus B/D, 3-4, Gyeongin-ro 82-gil, Yeongdeungpo-gu, Seoul, Korea		
<b>Homepage</b>	<a href="http://www.umivision.co.kr">www.umivision.co.kr</a>	<b>E-mail</b>	sales@digitalfundus.com
<b>Tel</b>	82-2-2164-3627	<b>Fax</b>	82-2-2164-3628
<b>Company Introduction</b>	<p>UMI Optics Co., Ltd. is a venture company for manufacturing ophthalmic medical devices based on technology.</p> <p>Starting with the development of digital interfaces that upgrade slit-lamp microscopes and fundus cameras which are essential for diagnosing ophthalmic lesions, the firm has built awareness in domestic and foreign hospitals and expanded its business to the consumable market by producing ABS plugs and schirmer strips. Based on these years of business experience, the company aimed to develop its own brand of ophthalmic diagnostic equipment and obtained MFDS item approval for I-VIEW100®, a self-developed non-mydriatic diagnostic camera, in January this year. Currently, the firm is proceeding ISO13485 certification and FDA (510K) registration has been completed. So, it can be sold in American continents. In the second half of 2022, CE certification will be carried out and then we will be prepared for entering European market.</p>		
<b>Introduction to Technology &amp; Product(s)</b>			
	Non-Mydriatic Fundus Camera (Name of Model: I-VIEW100®)		AI Predicting the risk of diabetic retinopathy, macular degeneration, and glaucoma within 1 second.
<ul style="list-style-type: none"> <li>- Fundus camera is a camera that observes the condition or lesion of the fundus. The fundus camera is used not only for fundus findings but also for adult diseases such as high blood pressure and diabetes. So fundus cameras are used not only in ophthalmology, but also in primary medical institutions such as internal medicine and family medicine.</li> <li>- Amid the global increase in the prevalence of adult diseases, representative</li> </ul>			

complications include macular degeneration, diabetic retinopathy, and glaucoma, which are the three major causes of blindness. The importance of early screening for the disease is growing.

- Fundus camera developed by UMI Optics has been launched at a reasonable price compared to the existing desktop fundus camera, so it is expected that primary medical institutions will demand it in developing countries and advanced countries.
- The features of the product are auto tracking, auto focus and auto shot which make it easy for medical staff who are not ophthalmologists to take fundus shots. Since it is a non-mydratic fundus camera, there is no need to use iridodilator. Therefore, you can complete fundus tests in a short period of time.
- In addition, it is believed that it will be easy to distribute to underprivileged area in medical services at lightweight volume, weight, and reasonable price compared to existing fundus cameras. We have developed an artificial intelligence algorithm that guides the risk of macular degeneration, diabetic retinopathy, and glaucoma through traffic lights signal. We are conducting a clinical trial to mount this algorithm on equipment. If AI is installed in the equipment, the convenience of primary screening for the three major causes of blindness will be dramatically increased even without ophthalmologist's cooperation at primary medical institutions such as internal medicine and family medicine.
- The fundus camera device(I-VIEW100) completed ISO13485 registration, FDA (510K) and CE is scheduled to be certified in February this year.