



# Keeler Konnect™

Digital slit lamp imaging software

# Enhance patient care with a simple, affordable imaging solution

## Discover the value of digital imaging

Imaging software provides a whole new dimension to eye exams, both for you and your patients. The ability to capture images and videos enables instant exam review and the potential to offer additional services within your clinic.

### Easily share images

Patients significantly benefit from the visualisation of an exam. Keeler Konnect software enables you to more effectively discuss your observations with patients and also share with colleagues. If referring to a specialist, further tests may inform a diagnosis and treatment recommendations.

### Track patients over time

A patient database is essential for the management of disease progression, both to support ongoing consultations with the patient and to ensure the documentation compliance that protects your clinic.

### Increase revenue generation

Digital imaging provides value for your patient in terms of care, but also for you as an additional service and a new revenue stream for detailed reporting.

### Facilitate training

Opportunities to view pathologies in real time can be limited in training environments. By using digital imaging, training that features live examples can be conducted without interfering with patient care.



## Digital imaging within your reach

Keeler Konnect™ software is a simple imaging solution that provides the tools you need to easily enhance eye examinations. Designed for both new software users and those who are more experienced, Konnect offers a streamlined experience for all.

### Quick and efficient imaging

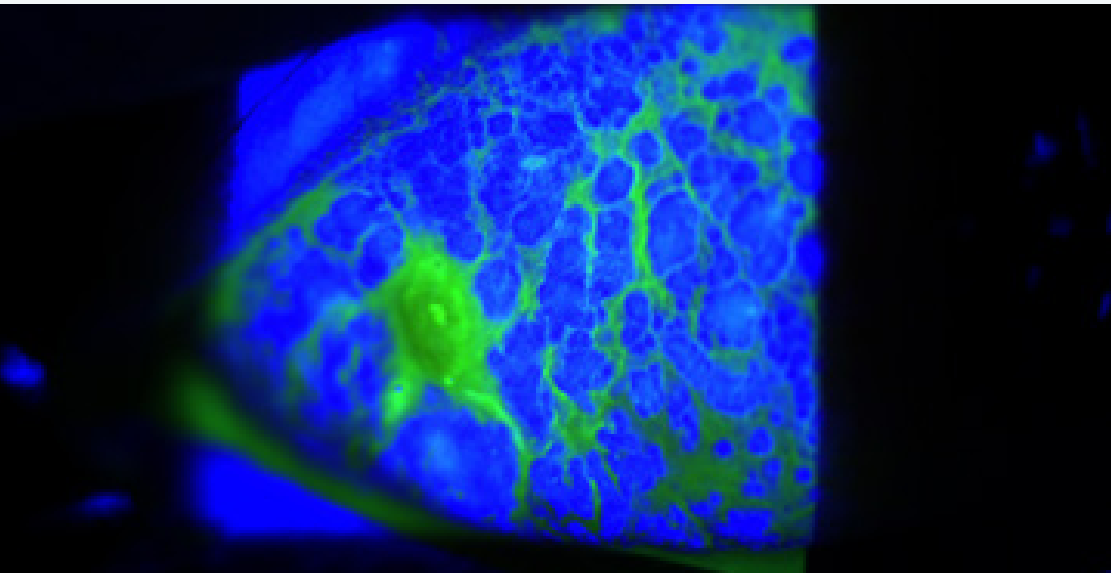
The intuitive design features an easy-to-use interface, removing unnecessary complexity so that you can focus on providing the best possible service to your patients. The controls are highly intuitive with only the essential components included to make adjustments within the dashboard simple and effective.

### Affordability is key

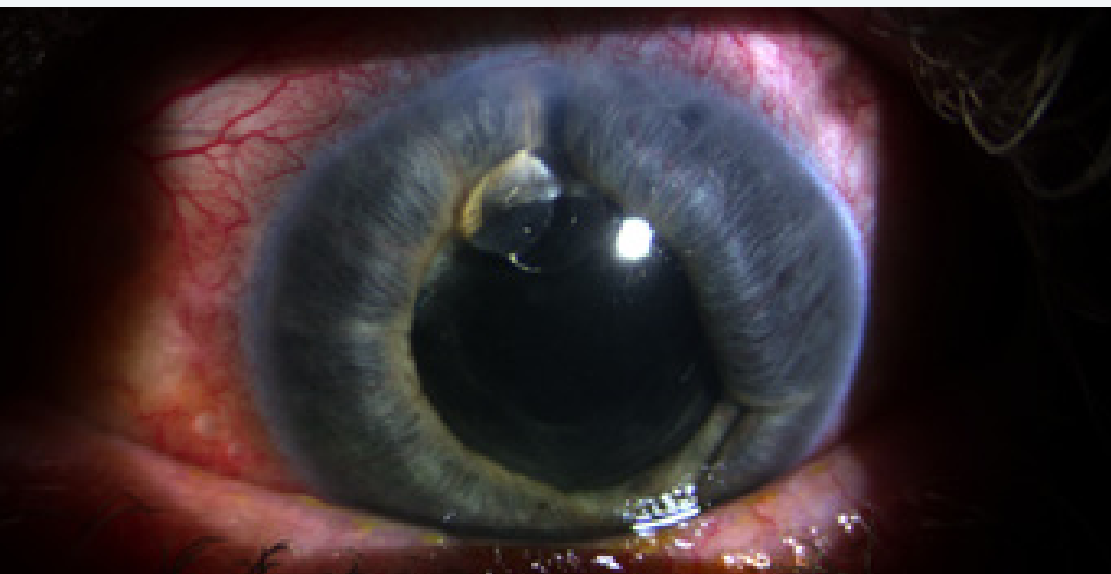
Cost is often a barrier in adopting digital imaging, so Keeler Konnect software was designed as an accessible solution that aligns with the basics that you need. Konnect promises excellent value: a streamlined tool at an affordable price. When partnered with our digital slit lamp system, this software delivers a complete but efficient solution, allowing you to focus on providing excellent patient care.



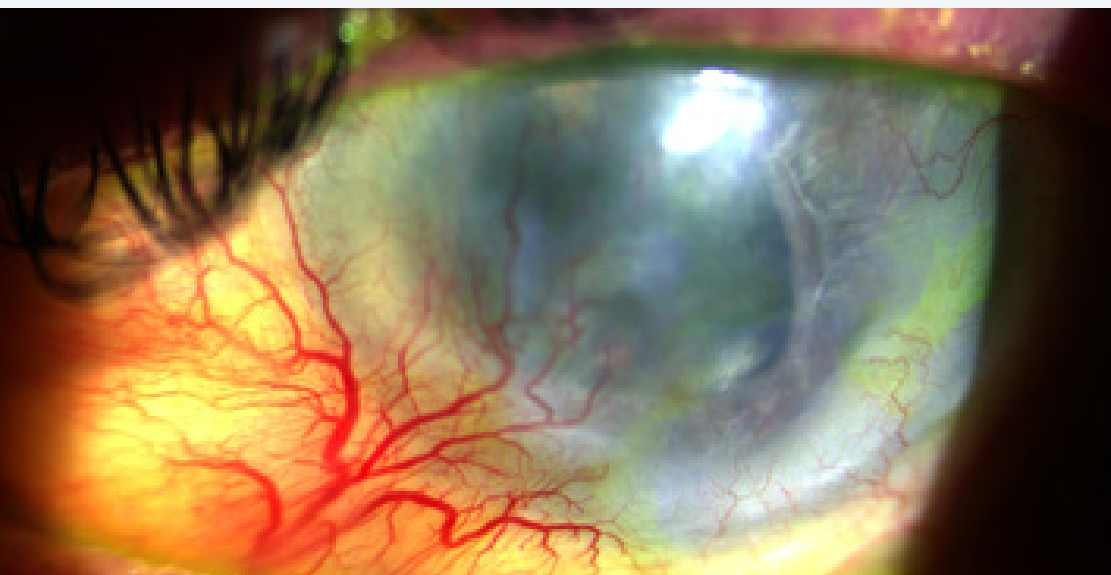
# Easily capture and manage high-quality images



*Severe allergic conjunctivitis*



*Iris bombe*



*Post operative corneal decompensation*

## Simplifying image and video capture

Keeler Konnect software facilitates the capture of still images and videos through the digital slit lamp without interfering with your examination process. The software dashboard provides tools for multi- and single-image capture that can be easily stored and managed within the patient database. Images and videos can be pulled up and reviewed throughout the patient history, utilising the multi-image viewer option to compare and evaluate.

## Intrinsic image quality optimisation

Within digital imaging, there are several key variables for maximising the quality of the images by balancing exposure, gain and gamma. To simplify the task of distinguishing pathologies, we have simplified the challenge of establishing the correct settings by including 4 pre-set options to suit a range of requirements. You can also save your own settings when you find a combination that works for you.

## Measurements made easy

The interface incorporates the essentials for assessing your images, enabling a clear visualisation of key data. The measurement tool provides linear calibration and angle annotation, ensuring images can be marked up appropriately for review.

## The Keeler camera

Our imaging system is built around an ultra-fast SONY Pregius camera sensor, delivering remarkable colour and dynamic range. This enormous step up from previous camera generations carefully balances low noise, dynamic range and image resolution for best-in-class results. Capture crisp, fine detail along with subtle colour tone changes – quickly and at more comfortable light levels.

### Key features:

Sony Pregius family image sensor: impressive speed and sensitivity, global shutter and progressive scan

Large 1/1.8" sensor captures more light

3.45µm pixels strike the optimal balance between resolution and low noise performance

Up to 57 fps (frames per second) at full sensor resolution, uncompressed

12 bits per pixel enabling up to 72dB dynamic range

Resolution: 2056 x 1542 can reveal the finest detail down to 4µm in the image plane (at x40 mag)

5.0 Gbps USB 3 interface



# Seamless solution: Konnect software with the Keeler digital slit lamp range

## Create and manage your patient database

The patient database focuses on key data, minimising unnecessary content and allowing you to prioritise the information required to manage patient care. Records can be easily created and edited, with simple image importing and the ability to search exam history. Data can be exported for record-keeping, to create reports, or for data backups to ensure patient records are safe.

Keeler - Patient Data Management

Patient:

Last name:Smith

New

First name:Mary

Change

Dat. o. B.:31/01/1956

Search

ID Number:0000001

Show Patients with exams of

Today

Last week

Last month

All times

Patient list:

	Lastname	Firstname	Date of birth	ID
	Smith	John	01/01/1950	0000002
▶	Smith	Mary	31/01/1956	0000001
	Singh	Arjun	19/11/1968	0000011
	Jones	Jon	06/02/1973	0000004
	Li	Gary	16/03/1981	0000009
	Aubert	Francois	05/05/1985	0000008
	Green	Jane	25/12/1985	0000003
	Garcia	Luis	18/04/1990	0000006
	Devi	Prisha	15/12/1998	0000010
	Turgenev	Maxim	30/08/2001	0000012
	Becker	Leon	29/07/2010	0000007
	Cheng	Li Xiu Ying	24/09/2020	0000005

Functions:

KSL-Camera

Backup

End

Previous examinations:

	#	Date	Time	Device	Eye	Type of exam.	Infotext	Result	Correction
	6	11/02/2021	19:49:06.23	KSL-Camera		Image only			
	5	25/01/2021	12:59:02.62	KSL-Camera	Right	Movie			
	4	25/01/2021	12:58:44.12	KSL-Camera	Right	Image only			
	3	25/01/2021	12:58:33.41	KSL-Camera	Right	Image only			
	2	25/01/2021	12:58:21.09	KSL-Camera	Right	Image only			
▶	1	25/01/2021	12:58:14.41	KSL-Camera	Right	Image only			

Keeler Konnect  
Version 3.12r22


Name:  
Date of birth:

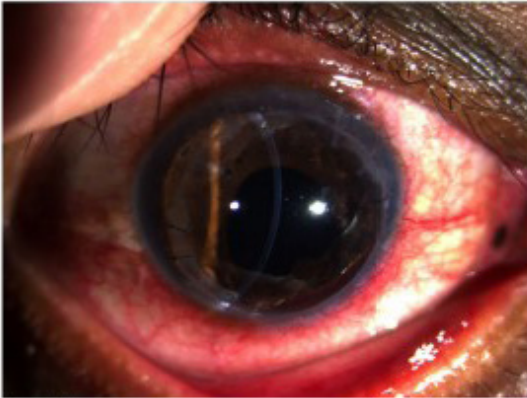
Aubert, Francois  
05.05.1985

ID: 0000008

Exam. date: 23.06.2021  
Time: 13:37:44  
Eye: Left

Exam. date: 23.06.2021  
Time: 13:35:55  
Eye: Right





Comment:

Comment:

Exam. date: 23.06.2021  
Time: 13:36:26  
Eye: Left

Exam. date: 23.06.2021  
Time: 13:36:07  
Eye: Right





Comment:

Comment:



## Partner your software with digital slit lamp technology

Our digital slit lamp range offers excellent value as a complement to the Konnect software solution. In addition to high-quality optics, you'll find features crafted to refine image capture. The control buttons and joystick give you maximum control of the camera functionalities during image capture. The background illuminator, auxiliary diffuser and blue filter all serve to tailor the imaging capabilities. The additional external illumination can be controlled independently to ensure image contrast levels are optimised.

To complete your digital imaging solution, choose from a selection of table options, including both standard and larger P-shaped tables (with cable management system), mounting legs, and plate mounts for refraction-stand-fitting.

# Installation requirements

Laptop/PC that meets the following minimum specifications (subject to change):

- Intel Core™ i5, 256 GB SSD, 1 TB SATA, 8 GB RAM, Windows® 10Pro with administrator rights for installation
- x2 USB 3.0 ports – at least one powered, for the Installation USB and the Licence key USB
- Recommended screen resolution: 1920 x 1200 pixels

## What's in the box?

- Installation USB (with silver cover)
- Licence key USB (black)
- Please ensure you retain the Licence key USB in a safe place as this is essential for software utility and will incur a replacement cost if lost.

## Compatibility

Compatible with Keeler digital and digital-ready slit lamps  
(D = Digital, DR = Digital Ready):

- |             |             |
|-------------|-------------|
| • KSL-H3-D  | • KSL-Z3-D  |
| • KSL-H3-DR | • KSL-Z3-DR |
| • KSL-H5-D  | • KSL-Z5-D  |
| • KSL-H5-DR | • KS-Z5-DR  |

Please refer to the slit lamp product brochure for details.

## More Keeler Instruments

With over 100 years of industry experience, Keeler has become a household name among optometrists and ophthalmologists worldwide.

View our full range at

[www.keeler.co.uk](http://www.keeler.co.uk) | [www.keelerusa.com](http://www.keelerusa.com)

## Got a question? - Call us

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## Manufacturing address



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