Digital Ready SLIT LAMPS CSL-13U

IMAX-5 Digital Camera (NOT Included)
CSL-13U

Features:

The CSL-13U Slit lamps consists of an LED illumination system and 3X magnification changer intended for eye examination of the anterior eye segment, from the cornea epithelium to the posterior capsule. It is used to aid in the diagnosis of diseases or trauma which affect the structural properties of the anterior eye segment.

3X Magnification:

CSL-13U a classic styling and outstanding galilean optics system, with magnification changers of 10x, 16x, 25x pupil range of 52-82mm, for clear observations.

Cross Maneuver Joystick:

All Viewlight’s slit lamps are built with a precise, smooth and high quality joystick. It provides lateral, longitudinal and vertical movements during all patients examinations.

Built In 5 Filters:

CSL-13U slit lamps examinations provides a stereoscopic magnified view of the eye structures in details with built in five different filters that can be inserted. No Filter, Heat Absorption, Grey (ND) Red Free (Green), and Cobalt Blue.

Tonometer: Optional

Viewlight’s RU-100 Tonometer can be mounted and installed as an accessory used for measuring ocular pressure and applanation of the corneal surface.
Mirror Diffuser:
CSL-13U features a continuous 14mm aperture reading suitable for anterior and posterior segment examinations. Includes a illumination diffuser, where the light is spread evenly over the entire observed surface.

LED Illumination System
CSL-13U LED illumination provides a steady 50,000 hours of working lighting time for observation, and optimum color rendition which allows maximum illumination during the observation.

Slit Angles:
CSL-13U features an illumination tower which allows examination in horizontal, vertical, and oblique section including option to offset the slit for corneal trans illumination. The illumination beam and slit angle of 0-180° & a slit vertical tilt of 5° 10° 15° 20°

Fixation Lamp
Red LED 3.5V
Features:

**Compact Size**
Widely compatible to different brand model slit lamps.

**Compatibility**
Light and compact size camera with accurate and intelligent exposure.

**Practicle Image Processing**
This unique feature can meet most of the operator’s demand.

**Smart Auto Exposure**
Professional solution makes the camera exposure, more accurate and intelligent.

**User-Friendly Interface**
Simple design style and friendly interface help operators handle it quickly and efficiently.

**Centralized Management**
Professional patient information management platform is important to conduct centralized management for patient. This platform supports integrated function print.

**Easy USB Transfer**
One Power cable and data line will produce data transmission quickly and easily. Neither hardware nor computer configuring is required.

**Wireless Button**
2.4Hz wireless solution, no aiming, fast reaction, and stable performance. 3V Energizer Battery Not Included.

**Compatibility**
- 5 megapixel resolution
- 1/2.5 inch CMOS
- High definition images & videos

**Professional patient information management platform**
Widely compatible to different brand model slit lamps.
1. Lamp Cap Plug
2. LED Bulb Cover
3. Filter Selection Lever
4. Slit Height Control Knob
5. Aperture & Filter Selection Dial
6. Fixing Screw
7. Reflecting Mirror
8. Magnification Select Dial
9. Illumination Inclination Lever
10. Slit Width Control Knob
11. Joystick
12. WorkTabletop (Optional)
13. Brightness Control Switch
14. Fixation Target
15. Fixation Knob of Chinrest Paper
16. Chinrest
17. Elevation Adjustment Knob
18. Base Locking Screw
19. Microscope Arm Locking Knob
20. Device Base Locking Knob
21. Wheel Shields
**Product Specifications**

**Type:** Galilean system, Parallel type, Haag-Streit type

**Magnification Changer:** Rotation Drum Change

**Magnification:** 10x, 16x, 25x

**Eyepiece:** 12.5x

**Field of View:** 6x (φ33) 10x (φ22) 16x (φ14) 25x (φ8.5) 40x (φ5.5)mm

**Pupil Range:** 52 - 82 mm

**Diopter:** ±7D

**Illumination**

**Slit Width:** Continuous from 0 to 14 mm

**Slit Length:** Continuous from 0 to 14 mm

**Slit Angle:** 0° - 180°

**Slit Aperture:** Continuous from 1 - 14 mm, φ14, 10, 5, 3, 1, 0.2 mm

**Slit Vertical Tilt:** 5° 10° 15° 20°

**Filter:** Heat Absorption, Grey, Redfree, Cobalt Blue

**Fixation Lamp:** Red LED 3.5V

**Light Resource:** LED

**Power Sources**

**Input Voltage:** 100 - 240V 48 - 62Hz

**Input Power:** 70VA

**Dimensions and Weight**

**Dimensions:** 740*640*450 mm

**Net Weight:** 21kg

**Gross Weight:** 24kg