DYANMIQ ICCM-1

Fully Integrated
High-Performance Slit Lamp

Faster diagnosis with assured documentation



DynamIQ ICCM-1

Faster Decisions. Better Care

3X Faster Performance
Faster imaging. Higher throughput.

EMR & Telemedicine Ready
Integrated, connected workflow.

Compact, Wire-Free Design
Space-saving. Clutter-free.

Smart Connectivity
Easy USB/LAN integration.

Comfort & Reliability
Ergonomic. Built to last.



Deliver faster diagnostics- without complexity

What's New

Upgraded DynamIQ ICCM-1 Version?

Optimized Hardware Architecture

Redesigned with a separate camera and monitor-mounted console for a compact, clutter-free setup

Enhanced Power Management & Protection

PD 3.0 adapter for efficient power and voltage stability

Advanced High-Speed Data Communication

Integrated CAT-6 extender for faster, stable data transmission

Thermal Stability & Operational Reliability

Built-in fan cooling prevents overheating and restarts

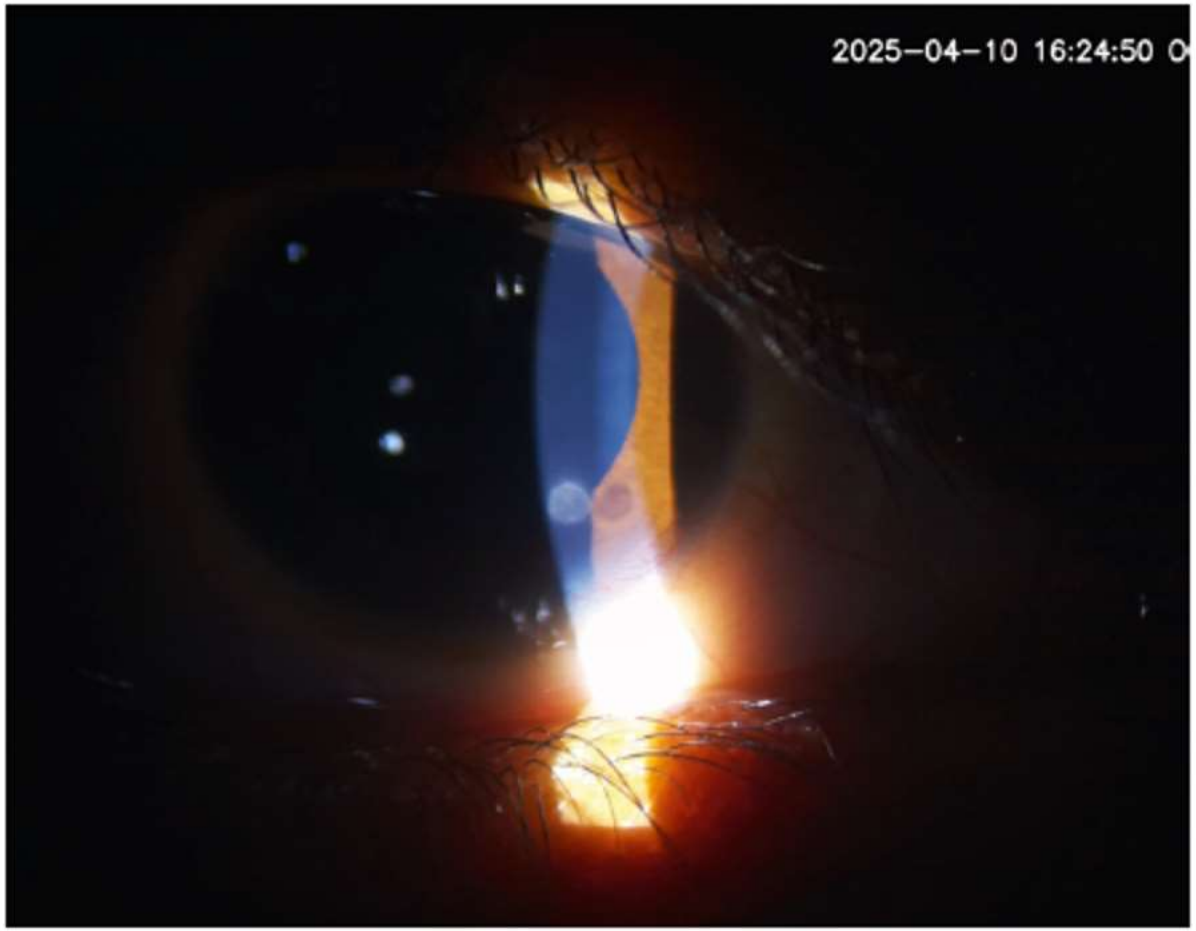
Improved Clinical Visualization & Ergonomics

Medical-grade monitor, dedicated camera power, and 360° ergonomic stand

Strengthened Software Security

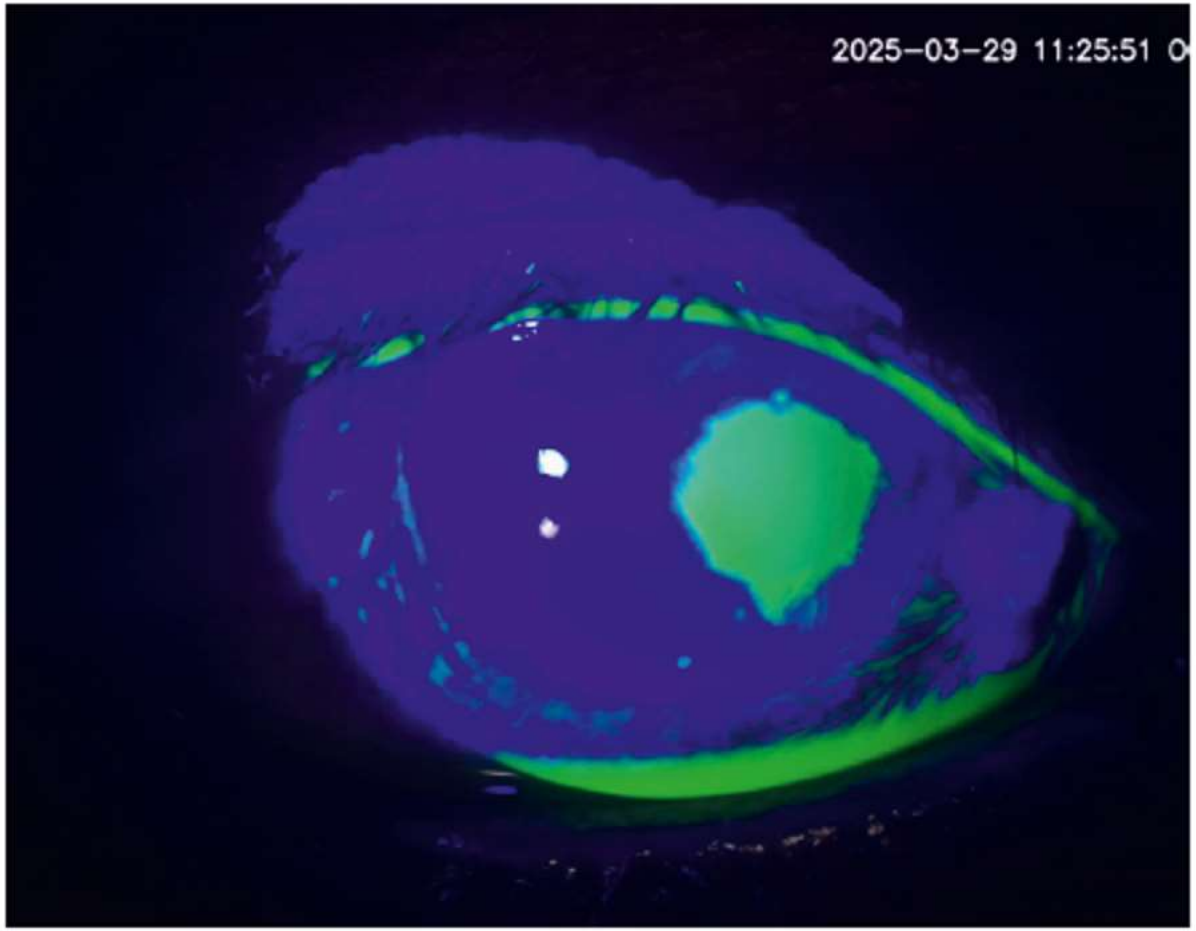
Dedicated encryption board for enhanced software protection

DynamIQ ICCM-1
images



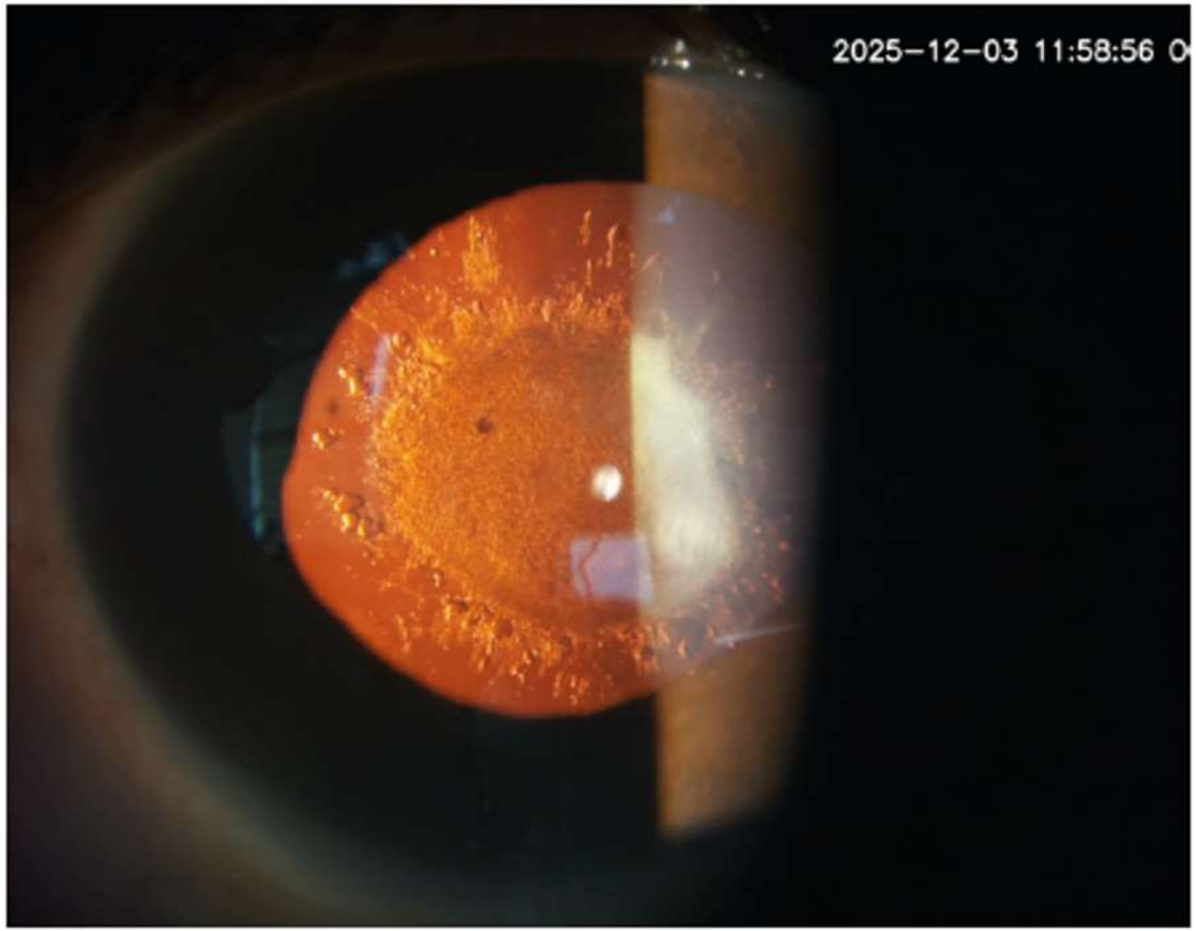


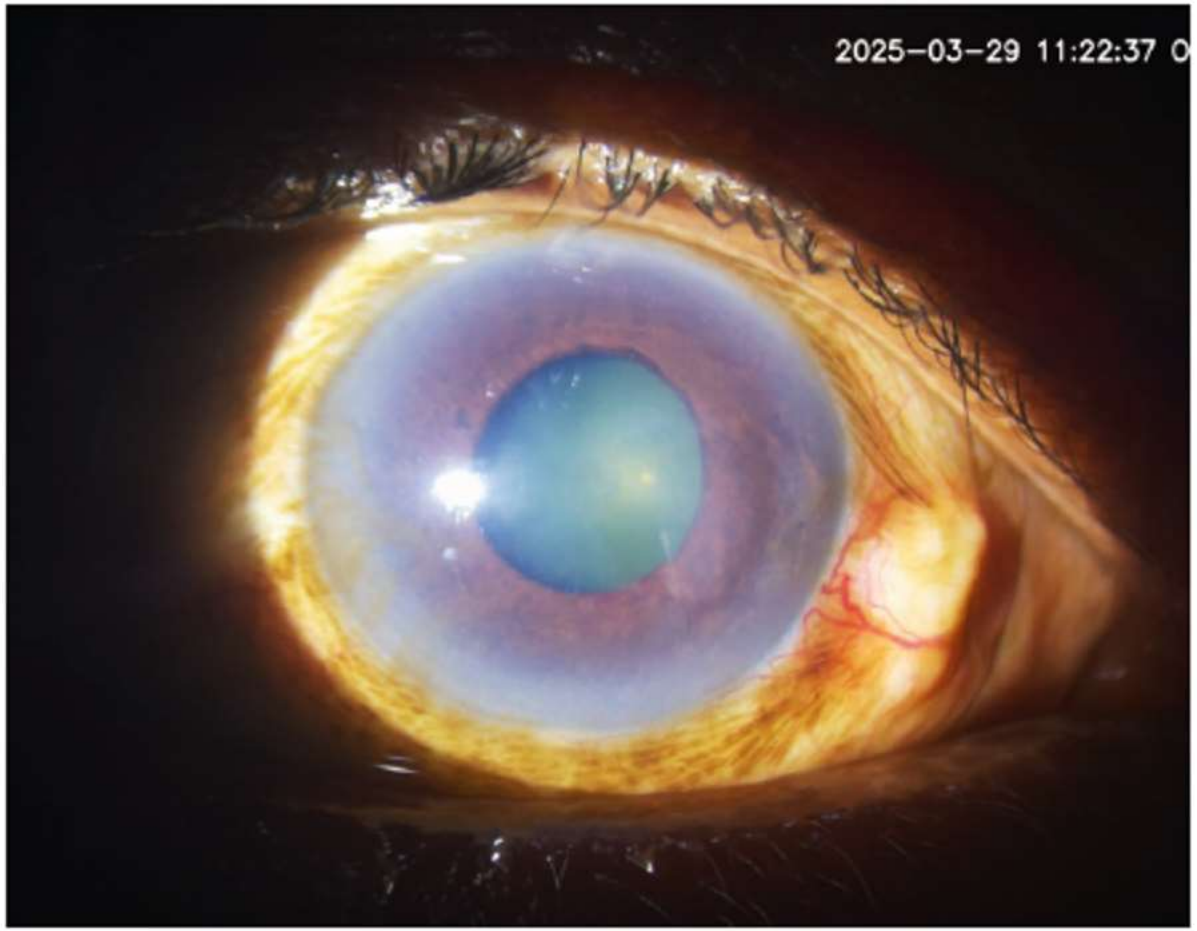
DynamIQ ICCM-1
images





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DynamIQ ICCM-1
technical specifications

Optical system for Slit lamp

Particulars	Details
Available in two configurations	5-Step and 3-Step Magnification.
Type	Galilean magnification system with a 7-degree and 13-degree Converging Bino (Optional) binocular tube featuring Parallel Design
Eye Piece	12.5 x
Magnification Ratios	6x, 10x, 16x, 25x, 40x
Real Field of View in mm	43, 27, 16, 11, 7 mm
Diopter Adjustment	+/- 8 Ametropia.
Pupillary Distance	Adjustable range from 50 to 80 mm.

Illumination System for Slit lamp

Particulars	Details
Working Distance	100 mm
Slit Width	Continuously Variable from 1 to 14 mm
Slit Length	Continuously Variable from 1 to 14 mm
Slit Aperture	0.2, 1, 3, 4, 6, 10, 14
Slit Angles	0° to 180° (+/- 90°)
Slit Inclination	5°, 10°, 15°, and 20°
Filters	Heat Absorbing, Green (Red Free) Cobalt Blue & Diffuser
Optional Filters	ND Filter, UV Filter, Yellow Filter, IR Cut
LED with Max Intensity	90000 LUX (Aprox.)
Fixation Lamp	Red LED

DynamIQ ICCM-1
technical specifications

Movement Range Base & Chinrest

Particulars	Details
Longitudinal (In / Out)	110 mm
Lateral (Left / Right)	118 mm
Vertical (Up / Down)	30 mm
Fine Adjustment	15 mm
Chinrest Range	85 mm

Camera Module for Slit-lamp Imaging System

Particulars
Integrated Camera module with 12 Mega Pixels
CMOS Chip with a size of 1/2.3"
Image resolution of 4000x3000 pixels at 25 fps
Video Resolution 1920X1080 Pixels at 25 Fps
High-speed USB 3.0 for data transmission
Remote trigger via slit lamp joystick

Electrical Specifications

Particulars	Details
Mode of Operation	Intermediate
Degree of Mobility	Portable DC Adapter
Input: Voltage	100 to 240V~ Frequency: 50/60Hz
Temperature range	-30°C to +70°C
Humidity	Up to 80%
Air Pressure	700hPa ~ 1060hPa

DynamIQ ICCM-1
technical specifications

User Interface & Programmability:

Particulars
Patient Database Management
Live Motion Image and Video Capture
High-Resolution Image and Video Recording
Multi-User Support
Remote File Sharing
Integrated EMR Support
Compact, Wire-Free Design
Telemedicine Ready
Medical-Grade Monitor 24" LED IPS panel

Particulars
Ergonomic Monitor Stand
Built-in Cooling System
Dedicated Power Switch
Dual-Band Wi-Fi Support
Operating System: LINUX
Storage: 256GB SSD
Sdcard: 32 GB (OS)
RAM: 8GB
Output: HDMI

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